

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Mar/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.459	806.323	1) Gujrat	-0.452	-27.427
2) Hydro	11.715	64.686	2) Madhya Pradesh	12.339	87.945
3) Gas	7.336	52.275	3) Chattisgarh	4.370	30.840
Total MSPGCL	142.510	923.284	4) Maharashtra Net	74.281	485.869
B) 1) APMIL	48.740	290.840	5) Goa	-6.585	-41.839
2) JSWEL	10.108	63.083	6) TAPS 1&2 Injection	3.607	26.031
3) VIPL	9.180	65.044	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.880	37.750	8) Pench (MS)	0.159	0.539
5) WPCL	2.436	17.737	9) Pench (Excess)	-0.197	-0.577
6) Other IPP	8.288	60.507	Total	87.363	560.842
C) 1) TPCL Thermal	13.768	85.554	a) Mumbai Schedule	17.546	127.438
2) TPCL Hydro	2.465	15.066	b) Mumbai Drawl	19.215	120.822
3) TPCL Gas	2.188	16.161	c) MSEDCL Bilateral *	20.427	143.423
4) R-INFRA Thermal	10.572	71.039	Include PX	-0.333	0.009
D) STATE			d) Mumbai Bilateral *	17.546	127.438
1) Thermal	232.431	1497.877	Include PX	0.000	0.251
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	14.180	79.752	H) ENERGY CATERED (MUs)		
3) Gas	9.524	68.436	1) MSEDCL	304.097	1964.124
4) Wind	7.120	56.061	2) Mumbai Discoms	48.206	308.638
6) SOLAR	1.528	9.259	TOTAL STATE	352.303	2272.762
TOTAL STATE	264.783	1711.385			

* 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	5217	5230	5212	4976
MSPGCL Hydro	1010	774	647	74
MSPGCL Gas	297	289	309	315
MSPGCL Total Generation	6524	6293	6168	5365
Central Sector Receipt	5177	5237	4175	1663
WIND	63	22	423	428
CPP / IPP	3893	3836	3696	3162
SOLAR	197	223	0	0
Exchange with Mumbai	-1057	-1092	-1131	-338
MSEDCL DEMAND MET	14797	14519	13331	10280
Load Shedding	62	123	62	56
MSEDCL DEMAND	14859	14642	13393	10336
TPCL GENERATION	905	868	886	607
R-INFRA GENERATION	518	516	382	383
MUMBAI DEMAND	2480	2476	2399	1328
STATE DEMAND MET	17277	16995	15730	11608
STATE DEMAND	17339	17118	15792	11664
Frequency (Hz)	49.88	49.94	49.95	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.35 Hz at 24.00 Hrs	49.66 Hz at 18.58 Hrs	49.98	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 07/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.77	25.93	165	140
Unit 7	3.63	26.34	160	135
Total	7.40	52.27		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.92	27.32	170	155
Unit 4	8.84	32.94	400	345
Unit 5	8.92	64.10	385	350
Total	21.69	124.37		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.54	25.00	160	140
Unit 5	3.63	8.17	158	144
Unit 6	4.82	33.19	205	198
Unit 7	1.58	18.65	213	0
Total	13.57	85.01		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.30	22.97	142	132
Unit 3	4.24	29.24	203	156
Unit 4	4.32	27.38	194	170
Unit 5	9.11	38.35	420	360
Unit 6	9.05	52.58	430	345
Unit 7	8.72	59.78	376	340
Total	38.75	230.32		
Paras				
Unit 3	4.78	32.73	224	182
Unit 4	0.00	18.35	0	0
Total	4.78	51.09		
Khaparkheda				
Unit 1	4.24	27.70	190	165
Unit 2	3.88	26.18	165	155
Unit 3	1.83	27.80	211	0
Unit 4	4.42	28.53	200	161
Unit 5	10.01	63.79	500	365
Total	24.39	174.02		
Nasik				
Unit 3	4.28	29.77	185	165
Unit 4	4.34	30.05	189	173
Unit 5	4.28	29.44	183	171
Total	12.89	89.26		
Uran				
All Units	7.34	52.28	320	289
Total	7.34	52.28		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	0.54	23	0
Total	0.16	0.54		
Koyna				
Stage 1-2	3.98	22.43	475	40
Stage 4	2.67	9.02	280	0
Stage 3	1.09	6.84	170	0
Total	7.73	38.28		
Hydro				
KDPH	0.00	0.92	0	0
VTRNA	1.06	7.14	61	0
TILLARI	0.37	1.59	63	0
BHTGR/VEER	0.00	0.02	0	0
BHIRA T.R.	0.14	0.62	80	0
RNGR+BHTSA	0.32	1.82	14	13
BHANDARDRA	0.00	0.82	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	3.05	17	16
GHATGHAR	1.69	10.41	250	0
Total	3.98	26.40		
Wind				
Total	7.12	56.06	0	0
Total	7.12	56.06		
CPP				
APML(Mus)	48.74	290.84	0	0
JSWEL(Mus)	10.11	63.08	0	0
VIPL(Mus)	9.18	65.04	0	0
RPLAMT(Mus)	5.88	37.75	0	0
WPCL(Mus)	2.44	17.74	0	0
Other(Mus)	8.29	60.51	0	0
Total	84.63	534.96		
SOLAR				
Total	1.53	9.26	0	0
Total	1.53	9.26		
Tata				
Trombay 5	8.36	49.01	437	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	9.26	56	49
Trombay 7B	0.99	6.90	44	40
Trombay 8	5.41	36.54	251	200
TATA Hydro	2.46	15.07	280	0
Total	18.42	116.78		
R-INFRA				
1-2	10.57	71.04	519	380
Total	10.57	71.04		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.46	806.32
MSPGCL Thml+Gas	130.80	858.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.72	64.69
MSPGCL Total	142.51	923.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.65	31.45
State Total	264.78	1711.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Mar/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	4998	74	313	5385	378	3185	0	1728	1991	-571	10368	85	10453	1557	12010	50.14
2	4991	69	314	5374	383	3173	0	1600	1822	-451	10301	56	10357	1439	11796	50.08
3	4991	74	316	5381	373	3158	0	1421	1755	-391	10276	56	10332	1378	11710	50.13
4	4976	74	315	5365	428	3162	0	1408	1663	-338	10280	56	10336	1328	11664	50.06
5	4976	69	311	5356	448	3164	0	1416	1876	-379	10465	56	10521	1366	11887	49.98
6	5004	434	313	5751	501	3214	0	1545	2234	-412	11288	58	11346	1460	12806	49.94
7	5014	1003	319	6336	439	3194	2	2344	2686	-514	12143	105	12248	1585	13833	49.99
8	5063	1092	320	6475	348	3177	27	3260	3802	-569	13260	105	13365	1672	15037	49.97
9	5308	1077	309	6694	245	3614	100	4048	4211	-622	14242	103	14345	1962	16307	49.88
10	5410	779	302	6491	225	3772	131	4564	4819	-806	14632	78	14710	2221	16931	49.95
11	5264	840	296	6400	141	3838	166	4758	4991	-1027	14509	58	14567	2448	17015	49.93
12	5217	1010	297	6524	63	3893	197	4929	5177	-1057	14797	62	14859	2480	17339	49.88
13	5230	774	289	6293	22	3836	223	4987	5237	-1092	14519	123	14642	2476	17118	49.94
14	5233	551	289	6073	30	3792	202	5012	5054	-1042	14109	63	14172	2385	16557	50.01
15	5255	371	290	5916	55	3886	201	5035	5028	-1035	14051	61	14112	2370	16482	49.97
16	5212	386	289	5887	112	3861	151	4986	5032	-955	14088	61	14149	2356	16505	49.96
17	5050	371	298	5719	165	3854	94	4652	4747	-931	13648	69	13717	2331	16048	49.94
18	5113	689	303	6105	202	3878	32	2928	3018	-905	12330	69	12399	2299	14698	49.99
19	5174	238	302	5714	313	3824	2	3759	3220	-1016	12057	60	12117	2290	14407	49.92
20	5212	647	309	6168	423	3696	0	4219	4175	-1131	13331	62	13393	2399	15792	49.95
21	5207	268	307	5782	547	3668	0	4032	3782	-1057	12722	58	12780	2306	15086	49.92
22	5221	137	312	5670	479	3352	0	3893	4063	-1078	12486	59	12545	2186	14731	49.95
23	5182	539	313	6034	388	3216	0	3154	3403	-956	12085	59	12144	2035	14179	49.93
24	5157	149	310	5616	412	3225	0	3532	3573	-880	11946	59	12005	1879	13884	50.00
MUs	123.46	11.72	7.34	142.51	7.12	84.63	1.53	83.21	87.36	-19.21	303.93	1.68	305.61	48.21	353.82	49.98

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 07/Mar/2015

Position as on 6.30 Hrs of 08/Mar/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	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
IPP	RPL(AMT) U-1	270	27/01/2015	21.55	08/03/2015	04.15	Coal Shortage	
IPP	JSW (J) U1	300	03/02/2015	14:20	07/03/2015	23.28	PA Fan problem	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
MSPGCL	Uran Unit 6	108	18/02/2015	12.10	08/03/2015	19.25	Gas shortage	
MSPGCL	Koyana STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintenance work	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	03/03/2015	23.23		Continued.	PA Fan problem	
MSPGCL	Parli Unit 7	250	04/03/2015	18.45	07/03/2015	14.10	Ash Eva. problem	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
IPP	WPCL U-3	135	06/03/2015	00.08		Continued.	Withdrawn	
MSPGCL	Khaparkheda Unit 3	210	07/03/2015	10.18		Continued.	BLR T/L.	
MSPGCL	Parli Unit 4	210	08/03/2015	17.20		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 08/Mar/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							
Pune(PG)-Solapur(PG)	InterState	06/03/2015	23:51		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Kolhapur Solapur(PG) I	InterState	05/03/2015	18.20	07/03/2015	06.39	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/03/2015	18.32	07/03/2015	06.37	HT	Over Voltage
Karad Solapur (PG)	InterState	06/03/2015	16.41	07/03/2015	08.16	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	06/03/2015	18.01	07/03/2015	06.47	T	Over Voltage
Akola Aurangabad(PG) II	InterState	07/03/2015	11.01	07/03/2015	18.59	PO	Bus reactor work.
Kolhapur Mapusa II	InterState	07/03/2015	16.21	08/03/2015	07.49	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/03/2015	18.02	08/03/2015	09.05	HT	Over Voltage
Kolhapur Mapusa I	InterState	08/03/2015	16.12		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/03/2015	17.09		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	08/03/2015	17.35		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Karad-Jaigad - I	IntraState	05/03/2015	16.35	07/03/2015	08.45	HT	Over Voltage
Nagothane - Dabhol2	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	06/03/2015	13.38	07/03/2015	08.40	PO	Line Signature Analysis.
Bhusawal-Aurangabad	IntraState	06/03/2015	16.32	07/03/2015	08.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/03/2015	16.35	07/03/2015	07.24	HT	Over Voltage
karad -kolhapur-I	IntraState	06/03/2015	23.54	07/03/2015	08.14	T	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	07/03/2015	09.43	07/03/2015	12.24	PO	Signature analysis.
New Koyna - Koyna Stage IV-II	IntraState	07/03/2015	12.40	07/03/2015	15.51	PO	Signature analysis.
karad -kolhapur-II	IntraState	07/03/2015	16.40	08/03/2015	08.54	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/03/2015	17.10	08/03/2015	09.43	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/03/2015	21.22	08/03/2015	06.58	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/03/2015	22.04	08/03/2015	06.52	HT	Over Voltage
karad -kolhapur-II	IntraState	08/03/2015	16.04		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/03/2015	16.36		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/03/2015	17.12		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/03/2015	21.07		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- I @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	28/02/2015	11.54	08/03/2015	14.40	PO	R-Ph unit replacement.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	06/03/2015	22.04	07/03/2015	06.02	PO	Annual Maintenance Work
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	08/03/2015	06.19		Continued.	PO	Oil filtration work.
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, Alignment of Line Isolator.
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.

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 07/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 08/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Uran - Kharghar I	IntraState	27/02/2015	11.36	07/03/2015	15.45	PO	Tower height rising work.
Miraj - Ichalkaranji II	IntraState	28/02/2015	10.56		Continued.	HT	To control loading of ICT at Kolhapur.
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work
Bableshtar -Walunj	IntraState	05/03/2015	06.35		Continued.	HT	Over Voltage
Osmanabad - Solapur (Bale)	IntraState	05/03/2015	08.46		Continued.	HT	Hand Tripped.
Solapur(Bale) - Tuljapur	IntraState	05/03/2015	08.46		Continued.	HT	Hand Tripped.
Phursungi-Serum	IntraState	07/03/2015	10.05	07/03/2015	16.50	PO	Annual Relay testing work.
Kalwa - Airoli Knowledge Park	IntraState	07/03/2015	14.46	07/03/2015	15.58	PO	Tan delta measurement.
Kharghar Trombay	IntraState	08/03/2015	08.28	08/03/2015	19.46	PO	Cross arm and conductor replacement work.
Bableshtar- Ranjangaon	IntraState	08/03/2015	11.32	08/03/2015	17.38	HT	Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 Kv 200 Mva Emco Ict 1 @Kolshet	IntraState	07/03/2015	09.48	07/03/2015	15.22	PO	Jaw Repl Work.
132 KV LINE Outages/Trippings							
Paras-Patur	IntraState	08/03/2015	06.12	08/03/2015	06.27	T	Distance Protection

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