

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Mar/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.519	2074.759	1) Gujrat	-4.419	-62.669
2) Hydro	9.937	146.218	2) Madhya Pradesh	17.082	233.879
3) Gas	10.591	148.274	3) Chattisgarh	4.890	79.690
Total MSPGCL	142.047	2369.251	4) Maharashtra Net	87.889	1303.833
B) 1) APMIL	50.960	723.830	5) Goa	-7.096	-107.584
2) JSWEL	14.793	220.967	6) TAPS 1&2 Injection	3.656	62.350
3) VIPL	9.176	157.565	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.400	84.990	8) Pench (MS)	0.000	1.388
5) WPCL	2.456	43.778	9) Pench (Excess)	0.000	-1.426
6) Other IPP	10.167	156.489	Total	102.002	1508.073
C) 1) TPCL Thermal	13.015	228.053	a) Mumbai Schedule	20.043	315.758
2) TPCL Hydro	3.398	42.037	b) Mumbai Drawl	23.112	344.470
3) TPCL Gas	4.269	53.868	c) MSEDCL Bilateral *	19.695	360.624
4) R-INFRA Thermal	10.834	178.693	Include PX	-1.819	-15.461
D) STATE			d) Mumbai Bilateral *	20.043	315.758
1) Thermal	237.320	3869.124	Include PX	0.755	6.243
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.335	188.255	H) ENERGY CATERED (MUs)		
3) Gas	14.860	202.142	1) MSEDCL	318.577	5069.737
4) Wind	4.477	127.004	2) Mumbai Discoms	54.628	847.109
6) SOLAR	1.211	20.872	TOTAL STATE	373.205	5916.846
TOTAL STATE	271.203	4407.397			

* 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	5129	5107	5103	4970
MSPGCL Hydro	601	511	607	122
MSPGCL Gas	426	420	435	459
MSPGCL Total Generation	6156	6038	6145	5551
Central Sector Receipt	5417	5485	4576	2676
WIND	56	29	194	261
CPP / IPP	3871	3886	4098	3573
SOLAR	173	157	0	0
Exchange with Mumbai	-1222	-1193	-1090	-464
MSEDCL DEMAND MET	14451	14402	13923	11597
Load Shedding	42	43	27	36
MSEDCL DEMAND	14493	14445	13950	11633
TPCL GENERATION	1064	1056	1050	696
R-INFRA GENERATION	507	516	517	380
MUMBAI DEMAND	2793	2765	2657	1540
STATE DEMAND MET	17244	17167	16580	13137
STATE DEMAND	17286	17210	16607	13173
Frequency (Hz)	49.99	50.01	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.01 Hrs	49.7 Hz at 20.34 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 17/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.41	63.81	160	60
Unit 7	3.43	64.21	160	130
Total	6.84	128.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.04	67.58	200	150
Unit 4	8.77	124.22	380	350
Unit 5	8.86	155.56	385	350
Total	21.66	347.36		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.63	51.96	158	140
Unit 5	3.59	44.21	155	146
Unit 6	4.53	78.16	197	181
Unit 7	4.62	64.71	202	180
Total	16.36	239.04		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.32	55.92	141	134
Unit 3	4.07	70.67	177	160
Unit 4	0.00	64.09	0	0
Unit 5	9.12	130.72	390	366
Unit 6	8.48	140.62	380	235
Unit 7	9.14	149.53	389	358
Total	34.12	611.54		
Paras				
Unit 3	4.78	80.04	220	191
Unit 4	0.00	18.35	0	0
Total	4.78	98.40		
Khaparkheda				
Unit 1	3.70	68.32	175	130
Unit 2	3.72	63.81	165	140
Unit 3	4.02	66.10	190	155
Unit 4	3.78	70.64	181	143
Unit 5	9.47	163.78	420	380
Total	24.69	432.65		
Nasik				
Unit 3	4.44	73.12	195	175
Unit 4	4.35	72.95	188	177
Unit 5	4.26	71.67	180	171
Total	13.05	217.74		
Uran				
All Units	10.59	148.27	468	419
Total	10.59	148.27		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	1.39	0	0
Total	0.00	1.39		
Koyna				
Stage 1-2	4.26	51.35	460	40
Stage 4	0.44	17.05	200	0
Stage 3	0.87	15.40	160	0
Total	5.56	83.80		
Hydro				
KDPH	0.00	2.99	0	0
VTRNA	1.05	17.51	61	0
TILLARI	0.25	4.48	63	0
BHTGR/VEER	0.06	0.46	3	2
BHIRA T.R.	0.11	1.90	77	0
RNGR+BHTSA	0.32	4.89	14	13
BHANDARDRA	0.54	4.48	23	22
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.87	10.64	37	36
GHATGHAR	1.16	15.07	205	0
Total	4.37	62.42		
Wind				
Total	4.48	127.00	0	0
Total	4.48	127.00		
CPP				
APML(Mus)	50.96	723.83	0	0
JSWEL(Mus)	14.79	220.97	0	0
VIPL(Mus)	9.18	157.56	0	0
RPLAMT(Mus)	4.40	84.99	0	0
WPCL(Mus)	2.46	43.78	0	0
Other(Mus)	10.17	156.49	0	0
Total	91.95	1387.62		
SOLAR				
Total	1.21	20.87	0	0
Total	1.21	20.87		
Tata				
Trombay 5	7.57	137.82	322	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	32.29	126	88
Trombay 7B	1.59	21.58	72	58
Trombay 8	5.45	90.24	252	201
TATA Hydro	3.40	42.04	334	0
Total	20.68	323.96		
R-INFRA				
1-2	10.83	178.69	519	379
Total	10.83	178.69		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.52	2074.76
MSPGCL Thml+Gas	132.11	2223.03

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.94	146.22
MSPGCL Total	142.05	2369.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.70	68.40
State Total	271.20	4407.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4872	391	468	5731	198	3549	0	3245	3376	-775	12079	44	12123	1839	13962	50.00
2	4976	287	466	5729	191	3573	0	2769	3003	-658	11838	36	11874	1699	13573	50.01
3	4979	140	464	5583	239	3569	0	2779	3023	-511	11903	36	11939	1588	13527	50.02
4	4970	122	459	5551	261	3573	0	2673	2676	-464	11597	36	11633	1540	13173	50.00
5	4944	246	455	5645	286	3547	0	2706	3006	-463	12021	36	12057	1541	13598	49.99
6	4978	536	456	5970	298	3665	0	3331	3506	-547	12892	38	12930	1642	14572	49.94
7	5022	308	457	5787	311	3601	3	4464	4637	-716	13623	86	13709	1793	15502	49.99
8	5068	406	457	5931	262	3635	21	4841	5274	-847	14276	86	14362	1941	16303	50.04
9	5078	246	449	5773	169	3999	73	5038	5092	-978	14128	84	14212	2264	16476	50.02
10	5113	276	442	5831	144	4101	121	5186	5106	-1030	14273	51	14324	2506	16830	49.96
11	5126	346	437	5909	99	3967	132	5403	5575	-1198	14484	43	14527	2732	17259	49.99
12	5129	601	426	6156	56	3871	173	5471	5417	-1222	14451	42	14493	2793	17286	49.99
13	5107	511	420	6038	29	3886	157	5367	5485	-1193	14402	43	14445	2765	17210	50.01
14	5124	418	421	5963	28	3763	176	5237	5205	-1190	13945	32	13977	2690	16667	50.01
15	5096	579	419	6094	53	3921	146	5141	5247	-1179	14282	29	14311	2724	17035	49.94
16	5049	662	424	6135	91	3962	110	5171	5137	-1148	14287	28	14315	2742	17057	49.93
17	5071	589	425	6085	153	3773	75	4823	4657	-1210	13533	30	13563	2752	16315	49.95
18	5106	604	433	6143	196	3843	24	3663	3772	-1249	12729	41	12770	2694	15464	50.02
19	5114	589	434	6137	209	4040	0	3682	3307	-1153	12540	25	12565	2612	15177	49.96
20	5103	607	435	6145	194	4098	0	4621	4576	-1090	13923	27	13950	2657	16607	49.93
21	5162	273	432	5867	192	4051	0	4703	4463	-1136	13437	27	13464	2573	16037	49.89
22	5152	519	432	6103	206	3992	0	3467	3530	-1113	12718	27	12745	2318	15063	49.97
23	5133	489	440	6062	286	4000	0	3626	3477	-1074	12751	27	12778	2173	14951	49.98
24	5047	192	440	5679	326	3973	0	3708	3455	-968	12465	27	12492	2050	14542	50.01
MUs	121.5 2	9.94	10.59	142.05	4.48	91.95	1.21	101.12	102.00	-23.11	318.58	0.98	319.56	54.63	374.19	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 17/Mar/2015

Position as on 6.30 Hrs of 18/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								
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	
IPP	Adani U-3	660	06/02/2015	11.42		Continued.	Bushing Repl Work.	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
IPP	RPL(AMT) U-2	270	03/03/2015	23.23		Continued.	PA Fan 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	17/03/2015	16.13	Withdrawn	
MSPGCL	Uran Unit 6	108	09/03/2015	08.05		Continued.	Vibration Problem.	
MSPGCL	Chandrapur Unit 4	210	16/03/2015	20.33		Continued.	Low forward power relay optd.	
IPP	WPCL U-3	135	17/03/2015	19.19	18/03/2015	00.22	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 6	210	17/03/2015	23.28		Continued.	ID Fan Problem	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	16/03/2015	17.04	17/03/2015	07.05	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/03/2015	18.08	17/03/2015	06.41	HT	Over Voltage
Kolhapur Mapusa II	InterState	17/03/2015	17.06		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	17/03/2015	17.16		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Nagothane - Dabhol-II	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	16/03/2015	16.21	17/03/2015	08.43	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/03/2015	16.44	17/03/2015	08.47	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/03/2015	18.01	17/03/2015	06.43	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/03/2015	20.21	17/03/2015	07.05	HT	Over Voltage
Padghe - Nagothane - I	IntraState	17/03/2015	08.34	17/03/2015	16.35	T	Insulator Replacement Work
karad -kolhapur-I	IntraState	17/03/2015	16.33		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/03/2015	17.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/03/2015	21.31		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/03/2015	01.00		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @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 315 Mva ICT -I @Padghe	IntraState	16/03/2015	12.37		Continued.	PO	Breaker work Hv side on Tbc
400/220kv 315 Mva ICT III @Karad	IntraState	17/03/2015	10.18	17/03/2015	17.33	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
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.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Bableshwar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load
Solapur(Bale) - Tuljapur	IntraState	05/03/2015	08.46		Continued.	HT	To control Girvali ICT Load
Osmanabad - Solapur (Bale)	IntraState	05/03/2015	08.46		Continued.	HT	To control Girvali ICT Load
Wani-Warora	IntraState	16/03/2015	22.52	17/03/2015	11.07	HT	Heavy Sparking on B Phase CT
Lonand-Baramati	IntraState	17/03/2015	09.00	17/03/2015	18.40	PO	Insulator Replacement Work
IPCL - Wadkhal II	IntraState	17/03/2015	10.30	17/03/2015	14.37	PO	Testing Work
Khaparkheda-Ambazari-Ii	IntraState	17/03/2015	10.50	17/03/2015	13.49	T	Replacement of Insulator String
IPCL - SPCL	IntraState	17/03/2015	12.41	17/03/2015	21.27	PO	Testing Work
Versova Ghodbunder-II	IntraState	17/03/2015	12.47	17/03/2015	15.45	PO	Testing Work
Bableshwar -Bhenda	IntraState	17/03/2015	14.13	17/03/2015	16.41	PO	To attend Hot Spot
Kandalgaon - Koyna	IntraState	17/03/2015	14.20	17/03/2015	15.35	PO	Signature Analysis work
Kandalgaon - ONGC Panvel	IntraState	17/03/2015	16.17	17/03/2015	17.35	T	Signature Analysis work
Nagothane - ACCIL	IntraState	17/03/2015	16.28	17/03/2015	19.31	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Trippings							

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 17/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 18/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault