

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.045	1953.240	1) Gujrat	-2.662	-58.250
2) Hydro	10.499	136.281	2) Madhya Pradesh	16.577	216.797
3) Gas	10.348	137.683	3) Chattisgarh	4.370	74.800
Total MSPGCL	144.892	2227.204	4) Maharashtra Net	86.252	1215.944
B) 1) APML	44.320	672.870	5) Goa	-6.674	-100.488
2) JSWEL	15.817	206.174	6) TAPS 1&2 Injection	3.720	58.694
3) VIPL	8.788	148.389	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.350	80.590	8) Pench (MS)	0.087	1.388
5) WPCL	2.510	41.322	9) Pench (Excess)	-0.087	-1.426
6) Other IPP	9.906	146.322	Total	101.496	1406.071
C) 1) TPCL Thermal	13.611	215.038	a) Mumbai Schedule	19.657	295.714
2) TPCL Hydro	2.630	38.639	b) Mumbai Drawl	24.069	321.358
3) TPCL Gas	4.231	49.599	c) MSEDCL Bilateral *	21.520	340.929
4) R-INFRA Thermal	10.815	167.859	Include PX	-2.048	-13.642
D) STATE			d) Mumbai Bilateral *	19.657	295.714
1) Thermal	234.162	3631.804	Include PX	0.513	5.488
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.129	174.920	H) ENERGY CATERED (MUs)		
3) Gas	14.579	187.282	1) MSEDCL	315.953	4751.160
4) Wind	6.752	122.527	2) Mumbai Discoms	55.353	792.481
6) SOLAR	1.191	19.661	TOTAL STATE	371.306	5543.641
TOTAL STATE	269.813	4136.194			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5258	5312	5232	5233
MSPGCL Hydro	456	544	553	104
MSPGCL Gas	437	437	440	459
MSPGCL Total Generation	6151	6293	6225	5796
Central Sector Receipt	5780	5622	4729	2516
WIND	49	53	276	540
CPP / IPP	3635	3696	3645	3408
SOLAR	159	156	0	0
Exchange with Mumbai	-1354	-1267	-1016	-539
MSEDCL DEMAND MET	14420	14553	13859	11721
Load Shedding	46	51	27	42
MSEDCL DEMAND	14466	14604	13886	11763
TPCL GENERATION	969	1082	1090	698
R-INFRA GENERATION	508	517	518	381
MUMBAI DEMAND	2831	2866	2638	1618
STATE DEMAND MET	17251	17419	16497	13339
STATE DEMAND	17297	17470	16524	13381
Frequency (Hz)	49.94	49.97	49.91	50.10

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 02:58 Hrs	49.65 Hz at 20:34 Hrs	49.99	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 16/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.59	60.40	160	130
Unit 7	3.55	60.78	155	140
Total	7.14	121.18		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	63.54	175	160
Unit 4	8.64	115.46	375	350
Unit 5	8.52	146.71	370	345
Total	21.12	325.70		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.66	48.33	160	141
Unit 5	3.62	40.62	155	146
Unit 6	4.56	73.63	193	188
Unit 7	4.77	60.10	202	194
Total	16.61	222.68		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.34	52.59	143	135
Unit 3	4.01	66.60	172	163
Unit 4	3.44	64.09	169	0
Unit 5	9.13	121.61	390	370
Unit 6	7.58	132.14	375	0
Unit 7	9.12	140.39	389	354
Total	36.62	577.42		
Paras				
Unit 3	4.72	75.26	206	187
Unit 4	0.00	18.35	0	0
Total	4.72	93.62		
Khaparkheda				
Unit 1	4.00	64.61	195	140
Unit 2	3.78	60.10	170	145
Unit 3	3.94	62.09	180	152
Unit 4	3.95	66.86	177	144
Unit 5	9.31	154.31	420	380
Total	24.97	407.96		
Nasik				
Unit 3	4.32	68.68	185	175
Unit 4	4.33	68.60	188	174
Unit 5	4.22	67.41	184	168
Total	12.86	204.69		
Uran				
All Units	10.35	137.68	466	298
Total	10.35	137.68		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.09	1.39	26	0
Total	0.09	1.39		
Koyna				
Stage 1-2	3.50	47.10	515	40
Stage 4	1.67	16.61	444	0
Stage 3	1.25	14.54	160	0
Total	6.43	78.24		
Hydro				
KDPH	0.17	2.99	19	0
VTRNA	1.04	16.45	61	0
TILLARI	0.38	4.23	64	0
BHTGR/VEER	0.06	0.40	3	2
BHIRA T.R.	0.10	1.79	80	0
RNGR+BHTSA	0.30	4.57	13	12
BHANDARDRA	0.46	3.93	41	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.91	9.77	38	38
GHATGHAR	0.65	13.91	125	0
Total	4.07	58.04		
Wind				
Total	6.75	122.53	0	0
Total	6.75	122.53		
CPP				
APML(Mus)	44.32	672.87	0	0
JSWEL(Mus)	15.82	206.17	0	0
VIPL(Mus)	8.79	148.39	0	0
RPLAMT(Mus)	4.35	80.59	0	0
WPCL(Mus)	2.51	41.32	0	0
Other(Mus)	9.91	146.32	0	0
Total	85.69	1295.67		
SOLAR				
Total	1.19	19.66	0	0
Total	1.19	19.66		
Tata				
Trombay 5	8.36	130.25	457	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.65	29.61	125	69
Trombay 7B	1.58	19.99	71	53
Trombay 8	5.25	84.79	250	200
TATA Hydro	2.63	38.64	270	0
Total	20.47	303.28		
R-INFRA				
1-2	10.82	167.86	518	378
Total	10.82	167.86		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	124.04	1953.24
MSPGCL Thml+Gas	134.39	2090.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.50	136.28
MSPGCL Total	144.89	2227.20

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.17	63.70
State Total	269.81	4136.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5217	155	466	5838	540	3446	0	2502	2716	-917	11623	46	11669	1944	13613	50.00
2	5246	109	466	5821	595	3397	0	2403	2542	-626	11729	42	11771	1690	13461	50.16
3	5247	114	466	5827	607	3435	0	2156	2770	-537	12102	42	12144	1612	13756	50.17
4	5233	104	459	5796	540	3408	0	2300	2516	-539	11721	42	11763	1618	13381	50.10
5	5243	228	459	5930	450	3431	0	2399	2735	-549	11997	42	12039	1624	13663	49.97
6	5214	333	457	6004	326	3483	0	3150	3845	-647	13011	43	13054	1721	14775	49.98
7	5219	345	458	6022	339	3461	2	3946	4616	-813	13627	86	13713	1886	15599	49.95
8	5259	405	459	6123	187	3627	22	4235	4721	-957	13723	86	13809	2029	15838	49.97
9	5299	250	444	5993	195	3960	65	4661	5338	-1118	14433	84	14517	2269	16786	50.02
10	5307	259	442	6008	118	3809	113	5120	4743	-1239	13552	57	13609	2618	16227	49.94
11	5258	456	437	6151	49	3635	159	5330	5780	-1354	14420	46	14466	2831	17297	49.94
12	5263	655	437	6355	41	3221	149	5252	5640	-1327	14079	49	14128	2866	16994	49.99
13	5312	544	437	6293	53	3696	156	5109	5622	-1267	14553	51	14604	2866	17470	49.97
14	5271	460	432	6163	51	3592	160	4999	5456	-1306	14116	34	14150	2766	16916	50.02
15	5268	385	362	6015	94	3632	138	4942	5173	-1243	13809	27	13836	2765	16601	49.94
16	5294	603	298	6195	143	3622	116	4950	5334	-1231	14179	27	14206	2764	16970	49.95
17	5269	541	305	6115	212	3596	85	4706	4550	-1206	13352	30	13382	2739	16121	49.92
18	5222	568	400	6190	290	3565	24	3447	3802	-1192	12679	35	12714	2689	15403	49.95
19	5193	539	435	6167	332	3684	2	3236	3278	-1032	12431	27	12458	2593	15051	49.93
20	5232	553	440	6225	276	3645	0	4353	4729	-1016	13859	27	13886	2638	16524	49.91
21	5003	475	443	5921	367	3534	0	4062	4416	-916	13322	26	13348	2469	15817	49.92
22	4653	1114	445	6212	348	3544	0	3350	3810	-1060	12854	26	12880	2288	15168	49.99
23	4647	945	451	6043	313	3664	0	3708	3488	-1044	12464	26	12490	2139	14629	49.99
24	4676	359	450	5485	286	3604	0	3777	3876	-933	12318	26	12344	2019	14363	50.01
MUs	124.05	10.50	10.35	144.89	6.75	85.69	1.19	94.09	101.50	-24.07	315.95	1.03	316.98	55.44	372.42	49.99

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 16/Mar/2015

Position as on 6.30 Hrs of 17/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	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		Continued.	Withdrawn	
MSPGCL	Uran Unit 6	108	09/03/2015	08.05		Continued.	Vibration Problem.	
MSPGCL	Chandrapur Unit 6	500	16/03/2015	20.33	16/03/2015	23.32	Generator Protection operated	
MSPGCL	Chandrapur Unit 4	210	16/03/2015	20.33		Continued.	Low forward power relay optd.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 17/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							
Dhule Sar'Sarovar II	InterState	15/03/2015	17.17	16/03/2015	09.00	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/03/2015	17.59	16/03/2015	06.47	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	16/03/2015	09.26	16/03/2015	20.13	PO	line crossing work
Akola Aurangabad(PG) II	InterState	16/03/2015	09.33	16/03/2015	20.23	PO	line crossing work
Kolhapur Mapusa I	InterState	16/03/2015	17.04		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/03/2015	18.08		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-I	IntraState	14/03/2015	16.05	16/03/2015	10.00	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/03/2015	16.03	16/03/2015	06.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/03/2015	16.32	16/03/2015	08.45	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/03/2015	17.05	16/03/2015	07.22	HT	Over Voltage
karad -kolhapur-II	IntraState	16/03/2015	16.21		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/03/2015	16.44		Continued.	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		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 315 MVA ICT-II @Chakan	IntraState	15/03/2015	21.54	16/03/2015	05.04	PO	Annual Maintenance Work
400/220 Kv 315 Mva Ict -1 @Padghe	IntraState	16/03/2015	12.37		Continued.	PO	Breaker work Hv side on Tbc
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	16/03/2015	14.20	16/03/2015	22.18	PO	Line Maintenance 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)
Bableshtar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load
Osmanabad - Solapur (Bale)	IntraState	05/03/2015	08.46		Continued.	HT	To control Girvali ICT Load
Solapur(Bale) - Tuljapur	IntraState	05/03/2015	08.46		Continued.	HT	To control Girvali ICT Load
Hinjawadi I- Chinchwad	IntraState	16/03/2015	09.16	16/03/2015	17.15	HT	To control Line Loading.
Vita - Ghatnandre	IntraState	16/03/2015	10.16	16/03/2015	13.48	PO	Tan Delta Measurment of CTs
Vita - Miraj	IntraState	16/03/2015	13.32	16/03/2015	14.17	PO	signature analysis work
Vita - Mhaishal	IntraState	16/03/2015	15.45	16/03/2015	16.43	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault

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