

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.436	1829.195	1) Gujrat	-7.132	-55.588
2) Hydro	7.128	125.782	2) Madhya Pradesh	13.299	200.220
3) Gas	10.664	127.335	3) Chattisgarh	4.380	70.430
Total MSPGCL	144.228	2082.312	4) Maharashtra Net	69.753	1129.692
B) 1) APML	42.550	628.550	5) Goa	-6.119	-93.814
2) JSWEL	16.177	190.357	6) TAPS 1&2 Injection	3.705	54.974
3) VIPL	9.175	139.601	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.240	76.240	8) Pench (MS)	0.068	1.301
5) WPCL	2.600	38.812	9) Pench (Excess)	-0.068	-1.339
6) Other IPP	9.846	136.416	Total	77.818	1304.575
C) 1) TPCL Thermal	13.760	201.427	a) Mumbai Schedule	16.709	276.057
2) TPCL Hydro	0.143	36.009	b) Mumbai Drawl	19.495	297.289
3) TPCL Gas	3.425	45.368	c) MSEDCL Bilateral *	18.962	317.565
4) R-INFRA Thermal	10.664	157.044	Include PX	-1.806	-11.594
D) STATE			d) Mumbai Bilateral *	16.709	276.057
1) Thermal	235.448	3397.642	Include PX	0.000	4.975
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.271	161.791	H) ENERGY CATERED (MUs)		
3) Gas	14.089	172.703	1) MSEDCL	292.165	4435.120
4) Wind	4.146	115.775	2) Mumbai Discoms	47.488	737.128
6) SOLAR	0.880	18.470	TOTAL STATE	339.653	5172.248
TOTAL STATE	261.834	3866.381			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5281	5274	5253	5246
MSPGCL Hydro	266	167	791	117
MSPGCL Gas	434	430	444	453
MSPGCL Total Generation	5981	5871	6488	5816
Central Sector Receipt	4486	4180	3280	2164
WIND	20	60	408	38
CPP / IPP	3649	3509	3449	3415
SOLAR	132	129	0	0
Exchange with Mumbai	-787	-781	-934	-617
MSEDCL DEMAND MET	13481	12968	12691	10816
Load Shedding	51	54	23	40
MSEDCL DEMAND	13532	13022	12714	10856
TPCL GENERATION	859	863	791	699
R-INFRA GENERATION	517	517	454	380
MUMBAI DEMAND	2163	2161	2196	1696
STATE DEMAND MET	15644	15129	14887	12512
STATE DEMAND	15695	15183	14910	12552
Frequency (Hz)	50.02	50.00	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:31 Hrs	49.75 Hz at 21:02 Hrs	50	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 15/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.82	56.81	171	145
Unit 7	3.73	57.22	165	135
Total	7.56	114.04		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	59.58	170	160
Unit 4	8.70	106.82	385	340
Unit 5	8.63	138.19	395	340
Total	21.26	304.58		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.25	44.67	158	109
Unit 5	3.56	37.00	152	135
Unit 6	4.61	69.07	223	186
Unit 7	4.77	55.33	212	194
Total	16.20	206.07		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.36	49.25	145	136
Unit 3	4.03	62.60	173	161
Unit 4	4.03	60.64	172	158
Unit 5	9.12	112.48	395	360
Unit 6	8.82	124.56	380	350
Unit 7	8.93	131.27	385	329
Total	38.28	540.80		
Paras				
Unit 3	5.01	70.54	237	189
Unit 4	0.00	18.35	0	0
Total	5.01	88.90		
Khaparkheda				
Unit 1	3.80	60.61	180	130
Unit 2	3.70	56.32	160	140
Unit 3	4.35	58.14	186	155
Unit 4	4.12	62.91	184	165
Unit 5	9.32	145.00	390	380
Total	25.30	382.98		
Nasik				
Unit 3	4.31	64.36	185	175
Unit 4	4.36	64.27	188	176
Unit 5	4.16	63.19	182	167
Total	12.83	191.82		
Uran				
All Units	10.66	127.34	455	430
Total	10.66	127.34		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.07	1.30	17	0
Total	0.07	1.30		
Koyna				
Stage 1-2	1.99	43.59	460	40
Stage 4	0.30	14.94	170	0
Stage 3	0.36	13.28	80	0
Total	2.65	71.81		
Hydro				
KDPH	0.00	2.83	0	0
VTRNA	1.12	15.42	61	0
TILLARI	0.38	3.85	64	0
BHTGR/VEER	0.06	0.33	3	2
BHIRA T.R.	0.12	1.68	80	0
RNGR+BHTSA	0.31	4.27	14	13
BHANDARDRA	0.50	3.47	41	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.92	8.86	39	38
GHATGHAR	1.06	13.26	250	0
Total	4.48	53.97		
Wind				
Total	4.15	115.78	0	0
Total	4.15	115.78		
CPP				
APML(Mus)	42.55	628.55	0	0
JSWEL(Mus)	16.18	190.36	0	0
VIPL(Mus)	9.18	139.60	0	0
RPLAMT(Mus)	4.24	76.24	0	0
WPCL(Mus)	2.60	38.81	0	0
Other(Mus)	9.85	136.42	0	0
Total	84.59	1209.98		
SOLAR				
Total	0.88	18.47	0	0
Total	0.88	18.47		
Tata				
Trombay 5	8.60	121.88	491	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.03	26.96	128	69
Trombay 7B	1.39	18.40	71	53
Trombay 8	5.16	79.54	249	199
TATA Hydro	0.14	36.01	77	0
Total	17.33	282.80		
R-INFRA				
1-2	10.66	157.04	520	378
Total	10.66	157.04		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	126.44	1829.20
MSPGCL Thml+Gas	137.10	1956.53

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.13	125.78
MSPGCL Total	144.23	2082.31

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.29	58.53
State Total	261.83	3866.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5230	201	450	5881	128	3422	0	3017	2797	-1035	11193	44	11237	2065	13302	49.98
2	5233	171	450	5854	113	3407	0	2736	2310	-850	10834	40	10874	1883	12757	49.96
3	5254	112	454	5820	102	3454	0	2528	2688	-689	11375	40	11415	1764	13179	49.97
4	5246	117	453	5816	38	3415	0	2487	2164	-617	10816	40	10856	1696	12552	49.99
5	5275	122	455	5852	11	3470	0	2433	2454	-611	11176	40	11216	1675	12891	49.96
6	5317	177	455	5949	62	3642	0	2683	2806	-669	11790	41	11831	1740	13571	50.00
7	5323	107	455	5885	27	3953	0	3516	3026	-704	12187	72	12259	1759	14018	50.08
8	5276	134	455	5865	9	3809	12	4423	3901	-763	12833	72	12905	1784	14689	50.01
9	5239	212	448	5899	9	3630	52	4270	4341	-859	13072	70	13142	1881	15023	49.96
10	5227	328	445	6000	9	3634	90	4311	4428	-778	13383	53	13436	2029	15465	49.96
11	5223	350	438	6011	9	3604	120	4358	4322	-771	13295	45	13340	2145	15485	49.98
12	5281	266	434	5981	20	3649	132	4381	4486	-787	13481	51	13532	2163	15695	50.02
13	5274	167	430	5871	60	3509	129	4126	4180	-781	12968	54	13022	2161	15183	50.00
14	5313	177	430	5920	110	3455	116	3836	3924	-726	12799	34	12833	2099	14932	50.03
15	5330	177	430	5937	132	3412	88	3450	3685	-737	12517	31	12548	2057	14605	49.99
16	5309	172	430	5911	276	3492	61	3334	3779	-711	12808	25	12833	2017	14850	50.00
17	5326	166	435	5927	340	3471	47	3319	2970	-779	11976	25	12001	1981	13982	50.00
18	5295	166	440	5901	440	3498	27	2572	2207	-791	11282	29	11311	1947	13258	49.98
19	5266	240	444	5950	565	3464	5	2549	2601	-811	11774	24	11798	1973	13771	50.04
20	5273	998	446	6717	405	3460	1	2519	2893	-931	12545	23	12568	2164	14732	49.98
21	5253	791	444	6488	408	3449	0	2706	3280	-934	12691	23	12714	2196	14910	49.99
22	5245	514	444	6203	330	3420	0	2650	3235	-1052	12136	23	12159	2177	14336	49.97
23	5215	611	448	6274	238	3457	0	2363	2760	-1079	11650	23	11673	2130	13803	49.99
24	5213	652	451	6316	305	3412	0	2363	2581	-1030	11584	23	11607	2069	13676	50.04
MUs	126.44	7.13	10.66	144.23	4.15	84.59	0.88	76.93	77.82	-19.50	292.16	0.94	293.11	47.56	340.66	50.00

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 15/Mar/2015

Position as on 6.30 Hrs of 16/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		Continued.	Withdrawn	
MSPGCL	Uran Unit 6	108	09/03/2015	08.05		Continued.	Vibration Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 16/Mar/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	15/03/2015	09.12	15/03/2015	16.50	EO	Repl.of DVD at C'pur end.
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	14/03/2015	16.59	15/03/2015	10.33	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/03/2015	17.02	15/03/2015	08.30	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	14/03/2015	23.27	15/03/2015	00.02	T	Distance Protection
Dhule Sar'Sarovar II	InterState	15/03/2015	17.17		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/03/2015	17.59		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		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/03/2015	16.36	15/03/2015	08.51	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/03/2015	17.42	15/03/2015	09.00	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		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/03/2015	17.05		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
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	15/03/2015	10.05	15/03/2015	21.35	PO	Tan delta of CT,Bushing,Winding.
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	15/03/2015	21.54	16/03/2015	05.04	PO	Annual 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
Borivali - Tarapur	InterState	15/03/2015	08.52	15/03/2015	19.07	PO	Annual Maintenance Work
Badnera - Deoli (PG)	InterState	15/03/2015	16.13	15/03/2015	16.53	T	Distance Protection
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
Kandalgaon - Pirangut	IntraState	15/03/2015	05.30	15/03/2015	11.55	PO	Phase Sequence Correction Work.
Hinjawadi I- Chinchwad	IntraState	15/03/2015	06.05	15/03/2015	11.57	PO	Phase Sequence Correction Work.
Sonkhar - Trombay	IntraState	15/03/2015	09.47	15/03/2015	20.30	PO	Repl of cross arm and conductor.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	15/03/2015	16.26	15/03/2015	17.40	T	WTI tripped on internal fault.
132 KV LINE Outages/Trippings							
Raimoha - Pathardi	IntraState	15/03/2015	03.55	15/03/2015	04.30	T	Distance Protection

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