

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Mar/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.763	321.425	1) Gujrat	-6.201	-16.843
2) Hydro	11.093	28.016	2) Madhya Pradesh	16.190	36.519
3) Gas	7.586	22.597	3) Chattisgarh	5.560	12.570
Total MSPGCL	123.442	372.038	4) Maharashtra Net	77.875	193.168
B) 1) APLM	43.910	107.140	5) Goa	-6.093	-17.633
2) JSWEL	9.684	21.741	6) TAPS 1&2 Injection	3.794	11.365
3) VIPL	10.011	28.353	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.810	15.610	8) Pench (MS)	0.089	0.155
5) WPCL	2.654	7.841	9) Pench (Excess)	-0.089	-0.155
6) Other IPP	8.431	22.585	Total	91.036	218.991
C) 1) TPCL Thermal	14.858	40.581	a) Mumbai Schedule	19.689	55.942
2) TPCL Hydro	2.270	4.914	b) Mumbai Drawl	17.290	52.057
3) TPCL Gas	2.159	7.471	c) MSEDCL Bilateral *	19.404	56.026
4) R-INFRA Thermal	10.933	29.800	Include PX	-0.220	0.659
D) STATE			d) Mumbai Bilateral *	19.689	55.942
1) Thermal	212.054	595.076	Include PX	0.236	0.155
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.363	32.930	H) ENERGY CATERED (MUs)		
3) Gas	9.745	30.068	1) MSEDCL	284.287	778.716
4) Wind	4.090	33.155	2) Mumbai Discoms	47.511	134.825
6) SOLAR	1.420	3.164	TOTAL STATE	331.798	913.541
TOTAL STATE	240.672	694.393			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	4430	4409	4510	4162
MSPGCL Hydro	958	487	840	186
MSPGCL Gas	316	317	310	319
MSPGCL Total Generation	5704	5213	5660	4667
Central Sector Receipt	4682	4572	4024	2911
WIND	55	81	324	317
CPP / IPP	3423	3478	4018	2873
SOLAR	141	213	0	0
Exchange with Mumbai	-869	-907	-1024	-365
MSEDCL DEMAND MET	13136	12650	13002	10403
Load Shedding	67	126	60	55
MSEDCL DEMAND	13203	12776	13062	10458
TPCL GENERATION	938	1028	966	608
R-INFRA GENERATION	518	517	385	387
MUMBAI DEMAND	2325	2452	2375	1360
STATE DEMAND MET	15461	15102	15377	11763
STATE DEMAND	15528	15228	15437	11818
Frequency (Hz)	49.93	50.02	49.89	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 13.02 Hrs	49.5 Hz at 18.57 Hrs	49.96	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 03/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	2.96	10.65	152	0
Unit 7	3.48	11.02	160	125
Total	6.44	21.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.94	11.67	180	155
Unit 4	0.00	1.51	0	0
Unit 5	9.62	27.62	500	350
Total	13.56	40.81		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.70	10.80	158	146
Unit 5	0.00	0.00	0	0
Unit 6	4.67	13.87	207	189
Unit 7	4.43	13.61	202	173
Total	12.81	38.28		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.22	9.74	137	130
Unit 3	4.46	12.63	210	163
Unit 4	4.42	10.58	195	158
Unit 5	2.41	2.41	365	0
Unit 6	2.61	20.13	375	0
Unit 7	8.58	26.06	379	337
Total	25.71	81.56		
Paras				
Unit 3	4.86	14.30	222	188
Unit 4	4.92	14.23	232	190
Total	9.78	28.53		
Khaparkheda				
Unit 1	4.04	11.54	195	130
Unit 2	3.69	10.94	175	130
Unit 3	4.40	12.94	205	162
Unit 4	4.28	12.37	200	150
Unit 5	7.18	25.20	500	0
Total	23.59	72.99		
Nasik				
Unit 3	4.23	12.56	185	160
Unit 4	4.36	12.60	191	175
Unit 5	4.30	12.42	187	172
Total	12.88	37.58		
Uran				
All Units	7.59	22.60	320	306
Total	7.59	22.60		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.09	0.16	26	0
Total	0.09	0.16		
Koyna				
Stage 1-2	4.15	9.46	505	40
Stage 4	2.73	3.86	523	0
Stage 3	1.31	3.05	240	0
Total	8.20	16.38		
Hydro				
KDPH	0.00	0.92	0	0
VTRNA	1.03	2.90	61	0
TILLARI	0.25	0.54	64	0
BHTGR/VEER	0.00	0.02	0	0
BHIRA T.R.	0.13	0.20	80	0
RNGR+BHTSA	0.30	0.94	13	12
BHANDARDRA	0.00	0.82	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.67	1.35	29	28
GHATGHAR	0.51	3.95	125	0
Total	2.90	11.64		
Wind				
Total	4.09	33.16	0	0
Total	4.09	33.16		
CPP				
APML(Mus)	43.91	107.14	0	0
JSWEL(Mus)	9.68	21.74	0	0
VIPL(Mus)	10.01	28.35	0	0
RPLAMT(Mus)	6.81	15.61	0	0
WPCL(Mus)	2.65	7.84	0	0
Other(Mus)	8.43	22.58	0	0
Total	81.50	203.27		
SOLAR				
Total	1.42	3.16	0	0
Total	1.42	3.16		
Tata				
Trombay 5	0.00	15.70	499	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	4.48	51	49
Trombay 7B	0.96	2.99	42	39
Trombay 8	5.31	15.32	252	200
TATA Hydro	2.27	4.91	346	0
Total	9.74	43.41		
R-INFRA				
1-2	10.93	29.80	520	385
Total	10.93	29.80		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.76	321.42
MSPGCL Thml+Gas	112.35	344.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.09	28.02
MSPGCL Total	123.44	372.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.88	13.33
State Total	240.67	694.39

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 03/Mar/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4176	248	320	4744	350	3028	0	2359	2943	-508	10557	86	10643	1496	12139	50.02
2	4162	186	319	4667	317	2873	0	2697	2911	-365	10403	55	10458	1360	11818	50.01
3	4147	91	319	4557	246	2809	0	2974	3227	-329	10510	55	10565	1316	11881	50.00
4	4141	81	319	4541	240	2729	0	3019	3283	-291	10502	55	10557	1281	11838	50.03
5	4142	96	320	4558	190	2757	0	3007	3564	-312	10757	57	10814	1299	12113	49.96
6	4157	672	320	5149	106	2990	0	3076	3533	-401	11377	63	11440	1421	12861	49.89
7	4073	924	320	5317	88	3162	10	3903	4243	-388	12432	87	12519	1629	14148	49.83
8	4086	1128	318	5532	63	3355	29	4174	4531	-494	13016	94	13110	1783	14893	49.97
9	4182	1370	318	5870	39	3385	72	4366	4414	-722	13058	89	13147	2085	15232	49.95
10	4430	958	316	5704	55	3423	141	4506	4682	-869	13136	67	13203	2325	15528	49.93
11	4532	515	320	5367	57	3457	153	4795	4872	-989	12917	62	12979	2477	15456	49.90
12	4541	261	316	5118	65	3521	192	4839	4685	-994	12587	66	12653	2481	15134	49.99
13	4409	487	317	5213	81	3478	213	4038	4572	-907	12650	126	12776	2452	15228	50.02
14	4487	693	315	5495	106	3427	175	3624	3730	-762	12171	62	12233	2297	14530	50.05
15	4464	511	316	5291	153	3470	189	4002	3969	-916	12156	61	12217	2323	14540	49.94
16	4576	271	314	5161	187	3616	127	3908	4193	-908	12376	62	12438	2317	14755	49.97
17	4520	386	315	5221	170	3717	84	3480	3579	-922	11849	70	11919	2331	14250	49.97
18	4572	314	306	5192	165	3822	33	2874	2952	-897	11267	70	11337	2310	13647	49.98
19	4525	263	308	5096	234	3905	2	2994	3304	-923	11618	58	11676	2288	13964	49.78
20	4510	840	310	5660	324	4018	0	3814	4024	-1024	13002	60	13062	2375	15437	49.89
21	4492	337	311	5140	299	3956	0	3737	3742	-872	12265	60	12325	2248	14573	49.90
22	4518	177	311	5006	254	3829	0	3556	3561	-929	11721	60	11781	2035	13816	49.98
23	4517	142	318	4977	193	3478	0	3349	3223	-857	11014	60	11074	1875	12949	49.93
24	4404	142	320	4866	108	3295	0	3334	3289	-711	10847	60	10907	1706	12613	50.03
MUs	104.76	11.09	7.59	123.44	4.09	81.50	1.42	86.43	91.03	-17.29	284.19	1.64	285.83	47.51	333.34	49.96

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 03/Mar/2015

Position as on 6.30 Hrs of 04/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)	
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	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.	Sperical valve servo motor maintance work	
IPP	WPCL U-3	135	21/02/2015	00.34		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
IPP	Adani U-5	660	26/02/2015	10.08	03/03/2015	14.27	Feed Water Comman PRV Leakage.	
MSPGCL	Chandrapur Unit 5	500	26/02/2015	21.39	03/03/2015	14.27	BTL.	
MSPGCL	Parli Unit 5	210	27/02/2015	10.58		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 4	500	01/03/2015	04.14		Continued.	Withdrawn	
MSPGCL	Khaparkheda Unit 5	500	02/03/2015	23.13	03/03/2015	07.01	Header pressure Low	
MSPGCL	Koradi Unit 6	210	03/03/2015	05.50	03/03/2015	08.17	Flame Failure	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Mar/2015

Position as on 6.30 Hrs of 04/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	03/03/2015	07.23	04/03/2015	06.11	pre heater motor tripped	
MSPGCL	Khaparkheda Unit 4	210	04/03/2015	01.29	04/03/2015	04.47	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 04/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								
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
Dhule Sar'Sarovar II	InterState	01/03/2015	03.31	03/03/2015	09.28		T	Over Voltage
Kolhapur Mapusa I	InterState	02/03/2015	17.11	03/03/2015	19.17		HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/03/2015	18.17			Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20			Continued.	HT	B Ph Jumper Open.
New Koyna -Koyna Stage IV-I	IntraState	26/02/2015	10.49			Continued.	PO	Shifted on TBC.
karad -kolhapur-II	IntraState	28/02/2015	16.07	03/03/2015	09.23		HT	Over Voltage
Karad-Jaigad - I	IntraState	28/02/2015	16.35	03/03/2015	10.39		HT	Over Voltage
Deepnagar Taptitanda	IntraState	01/03/2015	03.23	03/03/2015	19.40		T	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	01/03/2015	03.24	03/03/2015	11.47		T	Over Voltage
Bhusawal-Aurangabad	IntraState	02/03/2015	18.18	03/03/2015	08.17		HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/03/2015	22.04	04/03/2015	06.29		HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	03/03/2015	02.10	03/03/2015	08.27		T	Tripped at padgha end only
Jejuri- Koynastage-IV	IntraState	03/03/2015	11.53	03/03/2015	18.17		PO	Replacement work
karad -kolhapur-II	IntraState	03/03/2015	13.05			Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/03/2015	16.39			Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/03/2015	18.00			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			Continued.	PO	R-Ph unit replacement.
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	03/03/2015	08.21	03/03/2015	21.38		PO	Testing Work
220 KV LINE Outages/Trippings								
Nasik Navsari I	InterState	01/03/2015	20.19	03/03/2015	08.30		HT	To Control Bus Section Load @ Nasik GCR.
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
Uran - Kharghar I	IntraState	27/02/2015	11.36			Continued.	PO	Tower height rising work.
Miraj - Ichalkaranji II	IntraState	28/02/2015	10.56			Continued.	HT	To control loading of ICT at Kolhapur.
Apta - Tambati	IntraState	03/03/2015	09.13	03/03/2015	17.00		PO	Replacement work
Mahad - Pedambe	IntraState	03/03/2015	09.36			Continued.	PO	Annual Maintenance Work
Kalwa Salsette III	IntraState	03/03/2015	10.23			Continued.	PO	Strengthening work
Karad(400kv) - Wathar	IntraState	03/03/2015	10.25	03/03/2015	20.26		PO	Replacement work
Lonand-Baramati	IntraState	03/03/2015	10.40	03/03/2015	18.20		PO	Insulator Replacement Work
Sahara-Urse	IntraState	03/03/2015	11.06			Continued.	PO	Tower erection work
Malharpeth - Karad(400kv)	IntraState	03/03/2015	14.41	03/03/2015	19.14		PO	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

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