

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Mar/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.922	438.347	1) Gujrat	-4.406	-21.249
2) Hydro	9.416	37.432	2) Madhya Pradesh	15.719	52.238
3) Gas	7.513	30.110	3) Chattisgarh	5.610	18.180
Total MSPGCL	133.851	505.889	4) Maharashtra Net	77.525	270.693
B) 1) APLM	45.760	152.900	5) Goa	-6.221	-23.854
2) JSWEL	10.604	32.345	6) TAPS 1&2 Injection	3.792	15.157
3) VIPL	9.175	37.528	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.510	20.120	8) Pench (MS)	0.059	0.214
5) WPCL	2.739	10.580	9) Pench (Excess)	-0.059	-0.214
6) Other IPP	9.972	32.557	Total	91.960	310.951
C) 1) TPCL Thermal	14.523	45.552	a) Mumbai Schedule	17.331	73.274
2) TPCL Hydro	3.941	8.855	b) Mumbai Drawl	16.327	68.384
3) TPCL Gas	2.156	9.627	c) MSEDCL Bilateral *	24.196	80.223
4) R-INFRA Thermal	10.570	40.370	Include PX	-0.296	0.363
D) STATE			d) Mumbai Bilateral *	17.331	73.274
1) Thermal	224.775	810.299	Include PX	0.080	0.235
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.357	46.287	H) ENERGY CATERED (MUs)		
3) Gas	9.669	39.737	1) MSEDCL	296.895	1075.611
4) Wind	2.912	36.067	2) Mumbai Discoms	47.508	172.781
6) SOLAR	1.680	4.844	TOTAL STATE	344.403	1248.392
TOTAL STATE	252.393	937.234			

* 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 3 Hrs
MSPGCL Thermal	5254	5084	5022	4229
MSPGCL Hydro	386	280	1633	83
MSPGCL Gas	315	294	308	323
MSPGCL Total Generation	5955	5658	6963	4635
Central Sector Receipt	4394	4672	3798	3189
WIND	131	42	61	133
CPP / IPP	3864	3524	3598	3171
SOLAR	191	241	0	0
Exchange with Mumbai	-912	-884	-997	-310
MSEDCL DEMAND MET	13623	13253	13423	10818
Load Shedding	59	128	58	55
MSEDCL DEMAND	13682	13381	13481	10873
TPCL GENERATION	1050	1033	965	604
R-INFRA GENERATION	517	519	386	388
MUMBAI DEMAND	2479	2436	2348	1302
STATE DEMAND MET	16102	15689	15771	12120
STATE DEMAND	16161	15817	15829	12175
Frequency (Hz)	49.99	49.95	49.94	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 23.59 Hrs	49.64 Hz at 18.46 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 04/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.64	14.29	165	132
Unit 7	3.71	14.73	170	130
Total	7.35	29.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.84	15.52	175	145
Unit 4	4.22	5.74	375	0
Unit 5	9.17	36.80	500	350
Total	17.24	58.04		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.53	14.33	158	130
Unit 5	0.00	0.00	0	0
Unit 6	4.65	18.52	216	182
Unit 7	3.47	17.08	198	0
Total	11.65	49.92		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.32	13.06	140	134
Unit 3	4.20	16.84	206	162
Unit 4	4.16	14.75	192	156
Unit 5	8.98	11.40	445	346
Unit 6	5.82	25.95	370	0
Unit 7	7.66	33.72	371	288
Total	34.16	115.72		
Paras				
Unit 3	4.72	19.02	227	186
Unit 4	4.12	18.35	216	110
Total	8.85	37.38		
Khaparkheda				
Unit 1	3.86	15.40	180	140
Unit 2	3.62	14.56	165	115
Unit 3	4.41	17.35	193	172
Unit 4	3.34	15.72	177	0
Unit 5	9.60	34.79	475	379
Total	24.83	97.82		
Nasik				
Unit 3	4.25	16.81	190	170
Unit 4	4.37	16.97	191	178
Unit 5	4.24	16.66	185	168
Total	12.86	50.44		
Uran				
All Units	7.51	30.11	324	292
Total	7.51	30.11		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	0.21	20	0
Total	0.06	0.21		
Koyna				
Stage 1-2	3.18	12.64	455	40
Stage 4	1.38	5.25	816	0
Stage 3	0.96	4.00	198	0
Total	5.52	21.90		
Hydro				
KDPH	0.00	0.92	0	0
VTRNA	0.95	3.84	61	0
TILLARI	0.26	0.80	64	0
BHTGR/VEER	0.00	0.02	0	0
BHIRA T.R.	0.08	0.28	40	0
RNGR+BHTSA	0.29	1.22	13	12
BHANDARDRA	0.00	0.82	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	1.99	27	26
GHATGHAR	1.69	5.64	250	0
Total	3.90	15.54		
Wind				
Total	2.91	36.07	0	0
Total	2.91	36.07		
CPP				
APML(Mus)	45.76	152.90	0	0
JSWEL(Mus)	10.60	32.34	0	0
VIPL(Mus)	9.18	37.53	0	0
RPLAMT(Mus)	4.51	20.12	0	0
WPCL(Mus)	2.74	10.58	0	0
Other(Mus)	9.97	32.56	0	0
Total	82.76	286.03		
SOLAR				
Total	1.68	4.84	0	0
Total	1.68	4.84		
Tata				
Trombay 5	9.12	24.82	499	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	5.68	50	49
Trombay 7B	0.96	3.95	41	39
Trombay 8	5.41	20.73	252	201
TATA Hydro	3.94	8.86	429	0
Total	20.62	64.03		
R-INFRA				
1-2	10.57	40.37	520	386
Total	10.57	40.37		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.92	438.35
MSPGCL Thml+Gas	124.44	468.46

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.42	37.43
MSPGCL Total	133.85	505.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.56	17.89
State Total	252.39	937.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4443	109	321	4873	259	3294	0	3294	3327	-492	11261	85	11346	1482	12828	50.00
2	4258	78	323	4659	112	3133	0	3054	3267	-368	10803	55	10858	1362	12220	49.96
3	4229	83	323	4635	133	3171	0	2994	3189	-310	10818	55	10873	1302	12175	50.02
4	4229	88	323	4640	214	3234	0	3182	3054	-273	10869	55	10924	1265	12189	50.01
5	4253	83	322	4658	235	3210	0	3265	3442	-296	11249	57	11306	1289	12595	50.00
6	4355	93	323	4771	232	3217	0	3762	3956	-338	11838	63	11901	1410	13311	49.91
7	4654	118	324	5096	279	3511	6	4216	4367	-556	12703	100	12803	1606	14409	49.90
8	4781	415	323	5519	229	3636	26	4357	4319	-693	13036	100	13136	1882	15018	49.92
9	5045	433	318	5796	194	3748	101	4515	4530	-498	13871	96	13967	2046	16013	49.97
10	5206	434	320	5960	158	3879	148	4532	4325	-775	13695	71	13766	2338	16104	49.80
11	5254	386	315	5955	131	3864	191	4635	4394	-912	13623	59	13682	2479	16161	49.99
12	5073	314	309	5696	78	3805	215	4716	4246	-947	13093	64	13157	2489	15646	49.99
13	5084	280	294	5658	42	3524	241	4428	4672	-884	13253	128	13381	2436	15817	49.95
14	5107	270	292	5669	23	3263	220	4074	4554	-784	12945	66	13011	2327	15338	49.99
15	5132	440	292	5864	25	3272	220	3737	4111	-638	12854	64	12918	2321	15239	49.96
16	5155	670	310	6135	24	3239	161	3707	4046	-636	12969	66	13035	2330	15365	49.96
17	5176	807	313	6296	49	3264	103	3375	3455	-629	12538	70	12608	2332	14940	49.91
18	5168	694	307	6169	62	3270	44	2882	3155	-827	11873	70	11943	2298	14241	49.95
19	5091	983	306	6380	47	3333	4	2850	3328	-891	12201	56	12257	2267	14524	49.90
20	5022	1633	308	6963	61	3598	0	3744	3798	-997	13423	58	13481	2348	15829	49.94
21	5061	560	312	5933	85	3775	0	3935	3563	-981	12375	58	12433	2249	14682	49.94
22	5050	160	312	5522	72	3730	0	3776	3938	-1029	12233	59	12292	2090	14382	50.01
23	5046	140	311	5497	78	3427	0	3937	3522	-881	11643	59	11702	1880	13582	50.00
24	5050	145	312	5507	90	3363	0	3666	3402	-692	11670	59	11729	1689	13418	50.12
MUs	116.9 2	9.42	7.51	133.85	2.91	82.76	1.68	90.63	91.96	-16.33	296.84	1.67	298.51	47.52	346.03	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 04/Mar/2015

Position as on 6.30 Hrs of 05/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)	
IPP	RPL(AMT) U-2	270	03/03/2015	23.23		Continued.	PA Fan problem	
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	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	05/03/2015	22.02	Due to Unavailability of Load.	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
MSPGCL	Uran Unit 6	108	18/02/2015	12.10		Continued.	Gas shortage	
MSPGCL	Koyana STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintenance work	
IPP	WPCL U-3	135	21/02/2015	00.34	05/03/2015	22.00	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
MSPGCL	Parli Unit 5	210	27/02/2015	10.58	05/03/2015	13.58	Generator Protection operated	
MSPGCL	Bhusawal Unit 4	500	01/03/2015	04.14	04/03/2015	08.56	Withdrawn	
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	
MSPGCL	Parli Unit 7	250	04/03/2015	18.45		Continued.	Ash Eva. problem	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 05/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	04/03/2015	22.38	05/03/2015	06.19	HT	cooling fan replacement
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	05/03/2015	11.53	T	Over Voltage
Dhule Sar'Sarovar I	InterState	03/03/2015	18.17	04/03/2015	08.25	HT	Over Voltage
Kolhapur Mapusa I	InterState	04/03/2015	16.47	04/03/2015	19.18	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	04/03/2015	17.57	05/03/2015	07.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	04/03/2015	18.31	05/03/2015	07.08	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	05/03/2015	03.25	05/03/2015	06.44	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/03/2015	18.20		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/03/2015	18.32		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.
Lonikand I - Koyna stage-IV	IntraState	02/03/2015	22.04	04/03/2015	06.29	HT	Over Voltage
karad -kolhapur-II	IntraState	03/03/2015	13.05	05/03/2015	07.27	HT	Over Voltage
Karad-Jaigad - I	IntraState	03/03/2015	16.39	04/03/2015	10.44	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/03/2015	18.00	04/03/2015	08.28	HT	Over Voltage
Chandrapur-Parali 2	IntraState	04/03/2015	09.10	04/03/2015	19.12	PO	Annual Maintenance Work
Karad-Jaigad - I	IntraState	04/03/2015	16.04	05/03/2015	08.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/03/2015	17.45	05/03/2015	07.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/03/2015	23.43	05/03/2015	07.07	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	05/03/2015	03.50	05/03/2015	07.18	HT	Over Voltage
Chandrapur-Parali 1	IntraState	05/03/2015	11.10	05/03/2015	19.26	T	Insulator Replacement Work
karad -kolhapur-II	IntraState	05/03/2015	16.32		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/03/2015	16.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/03/2015	17.37		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/03/2015	18.02		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.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	04/03/2015	10.13	04/03/2015	19.33	PO	Annual Maintenance Work
400/220/33 Kv 500 Mva Ict 2 @Lonikand 3	IntraState	05/03/2015	10.14	05/03/2015	11.38	PO	To Release Air.
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, Aligment of Line Isolator.
Magar Patta City- Serum	IntraState	23/02/2015	10.35		Continued.	HT	To control Lonikand ict loading
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.
Uran - Kharghar I	IntraState	27/02/2015	11.36		Continued.	PO	Tower height rising work.

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 04/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Miraj - Ichalkaranji II	IntraState	28/02/2015	10.56		Continued.	HT	To control loading of ICT at Kolhapur.
Mahad - Pedambe	IntraState	03/03/2015	09.36	04/03/2015	22.55	PO	Annual Maintenance Work
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work
Taloja li - Ocil 2	IntraState	04/03/2015	11.37	04/03/2015	15.43	PO	Attending Hot Spot
Kalwa - Airoli Knowledge Park	IntraState	04/03/2015	11.39	04/03/2015	17.26	PO	Replacement work
Bhosari 2 - Telco	IntraState	05/03/2015	05.30	05/03/2015	05.56	T	Distance Protection
Bableshwar- Alephata	IntraState	05/03/2015	06.31	05/03/2015	17.25	HT	Over Loading.
Bableshwar -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.
Chinchwad- Parvati	IntraState	05/03/2015	13.12	05/03/2015	19.51	PO	Attending Hot Spot
Urse-Chinchwad	IntraState	05/03/2015	16.20	05/03/2015	19.48	PO	Jumper 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
220/132 Kv 100 Mva Cgl Ict 2 @Pusad	IntraState	05/03/2015	09.11	05/03/2015	17.25	PO	Measurment of Tan Delta of CT & ICT Bushings.

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