

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Mar/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.786	561.133	1) Gujrat	-3.990	-25.239
2) Hydro	7.498	44.930	2) Madhya Pradesh	13.589	65.827
3) Gas	7.449	37.559	3) Chattisgarh	5.090	23.270
Total MSPGCL	137.733	643.622	4) Maharashtra Net	79.740	350.433
B) 1) APMIL	48.430	201.330	5) Goa	-6.043	-29.897
2) JSWEL	10.265	42.610	6) TAPS 1&2 Injection	3.645	18.802
3) VIPL	9.184	46.712	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.840	25.960	8) Pench (MS)	0.149	0.363
5) WPCL	2.618	13.198	9) Pench (Excess)	-0.149	-0.363
6) Other IPP	9.843	42.400	Total	91.882	402.833
C) 1) TPCL Thermal	13.867	59.419	a) Mumbai Schedule	18.946	92.219
2) TPCL Hydro	3.219	12.074	b) Mumbai Drawl	18.083	86.467
3) TPCL Gas	2.163	11.790	c) MSEDCL Bilateral *	24.559	104.782
4) R-INFRA Thermal	10.889	51.259	Include PX	-0.022	0.342
D) STATE			d) Mumbai Bilateral *	18.946	92.219
1) Thermal	233.722	1044.021	Include PX	0.016	0.251
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.717	57.004	H) ENERGY CATERED (MUs)		
3) Gas	9.612	49.349	1) MSEDCL	304.010	1379.621
4) Wind	4.606	40.673	2) Mumbai Discoms	48.222	221.003
6) SOLAR	1.543	6.387	TOTAL STATE	352.232	1600.624
TOTAL STATE	260.200	1197.434			

* 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 2 Hrs
MSPGCL Thermal	5589	5272	5078	4919
MSPGCL Hydro	224	505	1014	115
MSPGCL Gas	325	293	310	315
MSPGCL Total Generation	6138	6070	6402	5349
Central Sector Receipt	5210	4772	4103	2529
WIND	134	47	86	179
CPP / IPP	3933	3935	3324	3274
SOLAR	186	232	0	0
Exchange with Mumbai	-1009	-1015	-852	-393
MSEDCL DEMAND MET	14592	14041	13063	10938
Load Shedding	62	118	58	55
MSEDCL DEMAND	14654	14159	13121	10993
TPCL GENERATION	985	986	1008	607
R-INFRA GENERATION	516	516	514	388
MUMBAI DEMAND	2510	2517	2374	1388
STATE DEMAND MET	17102	16558	15437	12326
STATE DEMAND	17164	16676	15495	12381
Frequency (Hz)	49.99	50.00	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:03 Hrs	49.7 Hz at 09:07 Hrs	49.97	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 05/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.84	18.13	175	150
Unit 7	4.00	18.73	188	155
Total	7.84	36.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	19.48	170	155
Unit 4	9.45	15.18	505	355
Unit 5	9.56	46.36	505	360
Total	22.98	81.02		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.50	17.84	155	135
Unit 5	1.04	1.04	143	0
Unit 6	5.00	23.52	250	190
Unit 7	0.00	17.08	0	0
Total	9.55	59.47		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.33	16.40	143	134
Unit 3	4.21	21.04	210	164
Unit 4	4.33	19.08	194	172
Unit 5	9.04	20.44	435	353
Unit 6	8.93	34.88	430	345
Unit 7	8.68	42.40	387	340
Total	38.52	154.23		
Paras				
Unit 3	4.31	23.33	201	162
Unit 4	0.00	18.35	0	0
Total	4.31	41.69		
Khaparkheda				
Unit 1	4.10	19.50	195	140
Unit 2	3.93	18.49	180	150
Unit 3	4.47	21.82	205	161
Unit 4	4.32	20.04	190	170
Unit 5	9.76	44.56	495	380
Total	26.58	124.40		
Nasik				
Unit 3	4.36	21.17	195	170
Unit 4	4.37	21.34	190	172
Unit 5	4.29	20.94	190	170
Total	13.02	63.46		
Uran				
All Units	7.45	37.56	325	290
Total	7.45	37.56		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.15	0.36	25	0
Total	0.15	0.36		
Koyna				
Stage 1-2	2.45	15.10	450	40
Stage 4	0.32	5.57	268	0
Stage 3	1.43	5.43	160	0
Total	4.20	26.10		
Hydro				
KDPH	0.00	0.92	0	0
VTRNA	1.18	5.02	61	0
TILLARI	0.25	1.05	64	0
BHTGR/VEER	0.00	0.02	0	0
BHIRA T.R.	0.17	0.44	80	0
RNGR+BHTSA	0.00	1.22	0	0
BHANDARDRA	0.00	0.82	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	2.33	14	14
GHATGHAR	1.36	7.00	250	0
Total	3.30	18.83		
Wind				
Total	4.61	40.67	0	0
Total	4.61	40.67		
CPP				
APML(Mus)	48.43	201.33	0	0
JSWEL(Mus)	10.26	42.61	0	0
VIPL(Mus)	9.18	46.71	0	0
RPLAMT(Mus)	5.84	25.96	0	0
WPCL(Mus)	2.62	13.20	0	0
Other(Mus)	9.84	42.40	0	0
Total	86.18	372.21		
SOLAR				
Total	1.54	6.39	0	0
Total	1.54	6.39		
Tata				
Trombay 5	8.30	33.12	408	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.19	6.87	50	49
Trombay 7B	0.97	4.92	42	39
Trombay 8	5.56	26.30	252	200
TATA Hydro	3.22	12.07	353	0
Total	19.25	83.28		
R-INFRA				
1-2	10.89	51.26	519	385
Total	10.89	51.26		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	122.79	561.13
MSPGCL Thml+Gas	130.24	598.69

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.50	44.93
MSPGCL Total	137.73	643.62

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.77	20.66
State Total	260.20	1197.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4922	115	315	5352	145	3264	0	3175	3053	-510	11304	78	11382	1501	12883	50.05
2	4919	115	315	5349	179	3274	0	2829	2529	-393	10938	55	10993	1388	12381	49.97
3	4935	115	315	5365	230	3283	0	2734	2523	-341	11060	55	11115	1335	12450	49.99
4	4917	71	315	5303	277	3282	0	2403	2557	-322	11097	55	11152	1316	12468	49.98
5	4898	194	316	5408	296	3309	0	2312	2627	-321	11319	55	11374	1313	12687	49.93
6	4915	99	317	5331	347	3417	0	3274	3446	-360	12181	57	12238	1422	13660	49.88
7	4926	129	318	5373	396	3620	2	3997	4030	-512	12909	97	13006	1591	14597	49.95
8	5207	91	322	5620	338	3722	26	4343	4549	-582	13673	97	13770	1774	15544	49.98
9	5454	184	314	5952	185	3887	87	4499	4429	-844	13696	95	13791	2094	15885	49.95
10	5597	261	310	6168	162	3908	141	4556	4704	-822	14261	68	14329	2328	16657	49.87
11	5589	224	325	6138	134	3933	186	4699	5210	-1009	14592	62	14654	2510	17164	49.99
12	5306	360	297	5963	71	3924	195	4666	4754	-986	13921	62	13983	2518	16501	49.97
13	5272	505	293	6070	47	3935	232	4321	4772	-1015	14041	118	14159	2517	16676	50.00
14	5124	560	290	5974	96	3957	196	4224	4374	-871	13726	60	13786	2380	16166	50.01
15	5072	535	290	5897	161	3858	191	4211	4354	-898	13563	58	13621	2403	16024	49.96
16	5041	545	294	5880	202	3867	156	4214	4506	-890	13721	59	13780	2397	16177	49.96
17	5005	551	300	5856	173	3929	92	3918	4072	-865	13257	64	13321	2393	15714	49.96
18	5106	215	320	5641	147	3808	38	3609	3427	-1023	12038	64	12102	2365	14467	50.07
19	5062	472	320	5854	84	3511	1	3455	3585	-1016	12019	56	12075	2306	14381	50.00
20	5078	1014	310	6402	86	3324	0	4267	4103	-852	13063	58	13121	2374	15495	49.95
21	5117	301	315	5733	158	3361	0	4325	4358	-1010	12600	58	12658	2246	14904	49.98
22	5124	205	310	5639	191	3280	0	3858	3893	-1021	11982	59	12041	2086	14127	49.99
23	5107	395	314	5816	206	3302	0	3105	3163	-864	11623	59	11682	1912	13594	49.93
24	5093	242	314	5649	295	3225	0	2939	2864	-756	11277	59	11336	1752	13088	50.03
MUs	122.79	7.50	7.45	137.73	4.61	86.18	1.54	89.93	91.88	-18.08	303.86	1.61	305.47	48.22	353.69	49.97

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 05/Mar/2015

Position as on 6.30 Hrs of 06/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	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	
IPP	WPCL U-3	135	06/03/2015	00.08		Continued.	Withdrawn	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 06/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	06/03/2015	13.27	HT	Over Voltage
Dabhol Nagothane II	InterState	13/02/2015	18:02	05/03/2015	11.53	T	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
Kolhapur Solapur (PG) II	InterState	06/03/2015	06.03	06/03/2015	08.33	T	Over Voltage
Karad Solapur (PG)	InterState	06/03/2015	16.41		Continued.	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	06/03/2015	18.01		Continued.	T	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	03/03/2015	13.05	05/03/2015	07.27	HT	Over Voltage
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	06/03/2015	07.16	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/03/2015	18.02	06/03/2015	11.07	HT	Over Voltage
Nagothane - Dabhol2	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
Chandrapur-Parali 2	IntraState	06/03/2015	09.38	06/03/2015	19.00	PO	Routine Maintenance Work
N.Koyna-Karad -Ckt I	IntraState	06/03/2015	13.38		Continued.	PO	Line Signature Analysis.
Bhusawal-Aurangabad	IntraState	06/03/2015	16.32		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/03/2015	16.35		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	06/03/2015	23.54		Continued.	T	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 500 Mva Ict 2 @Lonikand 3	IntraState	05/03/2015	10.14	05/03/2015	11.38	PO	To Release Air.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	06/03/2015	22.04		Continued.	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Boisar(Ms) Boisar (Pg) I	InterState	06/03/2015	14.57	06/03/2015	18.45	PO	To attend Hot Spot
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

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 05/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 06/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.
Miraj - Ichalkaranji II	IntraState	28/02/2015	10.56		Continued.	HT	To control loading of ICT at Kolhapur.
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection 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.
Kalwa - Mulund 1	IntraState	06/03/2015	07.21	06/03/2015	22.57	PO	For Safety Purpose Conductor Stringing of Salsette.
Kalwa - Borivali	IntraState	06/03/2015	08.18	06/03/2015	22.41	PO	For Safety Purpose Conductor Stringing Of salsette-3 CKT.
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.
110 KV LINE Outages/Trippings							
Kandalgaon - Roha 1	IntraState	06/03/2015	11.30	06/03/2015	14.40	PO	Line Signature Analysls.
Kandalgaon - Roha 2	IntraState	06/03/2015	14.50	06/03/2015	16.35	PO	Line Signature Analysls.

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