

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.685	346.243	1) Gujrat	-2.309	-14.998
2) Hydro	14.500	43.072	2) Madhya Pradesh	13.685	36.834
3) Gas	6.525	19.833	3) Chattisgarh	5.060	16.370
Total MSPGCL	133.710	409.148	4) Maharashtra Net	103.739	299.885
B) 1) APML	58.460	165.990	5) Goa	-7.919	-22.590
2) JSWEL	24.623	73.381	6) TAPS 1&2 Injection	3.436	10.322
3) VIPL	12.519	31.693	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.960	16.590	8) Pench (MS)	0.039	0.168
5) WPCL	8.518	26.057	9) Pench (Excess)	-0.039	-0.168
6) Other IPP	6.459	19.359	Total	115.653	325.655
C) 1) TPCL Thermal	17.461	44.315	a) Mumbai Schedule	23.122	70.901
2) TPCL Hydro	0.807	4.241	b) Mumbai Drawl	20.662	77.373
3) TPCL Gas	2.757	9.363	c) MSEDCL Bilateral *	33.973	93.116
4) R-INFRA Thermal	12.419	34.568	Include PX	1.695	4.761
D) STATE			d) Mumbai Bilateral *	23.122	70.901
1) Thermal	259.104	758.196	Include PX	0.675	4.440
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	15.307	47.313	H) ENERGY CATERED (MUs)		
3) Gas	9.282	29.196	1) MSEDCL	362.179	1043.650
4) Wind	15.687	49.128	2) Mumbai Discoms	54.106	169.861
6) SOLAR	1.252	3.854	TOTAL STATE	416.285	1213.511
TOTAL STATE	300.632	887.687			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4881	4878	4638	4807
MSPGCL Hydro	1165	1321	330	121
MSPGCL Gas	272	275	280	282
MSPGCL Total Generation	6318	6474	5248	5210
Central Sector Receipt	5211	5394	4920	4190
WIND	398	383	980	777
CPP / IPP	5064	4845	4740	4828
SOLAR	157	113	0	0
Exchange with Mumbai	-950	-986	-980	-705
MSEDCL DEMAND MET	16198	16223	14908	14300
Load Shedding	49	39	41	46
MSEDCL DEMAND	16247	16262	14949	14346
TPCL GENERATION	848	874	893	864
R-INFRA GENERATION	513	514	519	518
MUMBAI DEMAND	2311	2374	2392	2087
STATE DEMAND MET	18509	18597	17300	16387
STATE DEMAND	18558	18636	17341	16433
Frequency (Hz)	49.97	50.03	49.91	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 18:03 Hrs	49.64 Hz at 22:10 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 03/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.27	9.17	150	105
Unit 6	0.00	0.00	0	0
Unit 7	3.23	10.90	162	94
Total	6.50	20.07		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.14	31.34	510	370
Unit 5	11.60	29.13	510	360
Total	22.74	60.48		
Parli				
Unit 3	3.10	9.15	166	0
Unit 4	0.00	0.00	0	0
Unit 5	3.49	10.54	149	142
Unit 6	5.28	15.43	250	190
Unit 7	5.40	15.78	250	188
Total	17.26	50.90		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.38	13.14	201	135
Unit 4	4.18	12.68	187	160
Unit 5	0.00	1.63	0	0
Unit 6	0.00	13.39	0	0
Unit 7	9.72	28.38	426	328
Total	18.28	69.22		
Paras				
Unit 3	5.33	16.01	238	174
Unit 4	5.81	16.59	256	226
Total	11.14	32.60		
Khaparkheda				
Unit 1	4.03	12.12	200	130
Unit 2	3.82	10.68	185	135
Unit 3	4.36	12.02	210	150
Unit 4	4.31	12.96	188	165
Unit 5	11.24	33.17	497	430
Total	27.76	80.94		
Nasik				
Unit 3	4.55	13.49	200	180
Unit 4	4.44	13.27	193	170
Unit 5	0.00	5.27	0	0
Total	8.99	32.02		
Uran				
All Units	6.52	19.83	284	195
Total	6.52	19.83		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.04	0.17	27	0
Total	0.04	0.17		
Koyna				
Stage 1-2	4.33	12.94	395	40
Stage 4	4.26	12.16	541	0
Stage 3	1.71	5.42	160	0
Total	10.30	30.51		
Hydro				
KDPH	0.42	1.28	18	17
VTRNA	1.00	2.83	61	0
TILLARI	0.37	1.10	64	0
BHTGR/VEER	0.07	0.21	3	3
BHIRA T.R.	0.12	0.20	40	0
RNGR+BHTSA	0.28	0.54	12	11
BHANDARDRA	0.40	1.26	40	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.81	2.56	39	30
GHATGHAR	0.73	2.58	125	0
Total	4.20	12.56		
Wind				
Total	15.69	49.13	0	0
Total	15.69	49.13		
CPP				
APML(Mus)	58.46	165.99	0	0
JSWEL(Mus)	24.62	73.38	0	0
VIPL(Mus)	12.52	31.69	0	0
RPLAMT(Mus)	5.96	16.59	0	0
WPCL(Mus)	8.52	26.06	0	0
Other(Mus)	6.46	19.36	0	0
Total	116.54	333.07		
SOLAR				
Total	1.25	3.85	0	0
Total	1.25	3.85		
Tata				
Trombay 5	11.46	26.40	492	444
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.56	5.48	80	59
Trombay 7B	1.20	3.88	56	47
Trombay 8	6.00	17.91	252	246
TATA Hydro	0.81	4.24	196	0
Total	21.02	57.92		
R-INFRA				
1-2	12.42	34.57	520	513
Total	12.42	34.57		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.68	346.24
MSPGCL Thml+Gas	119.21	366.08

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.50	43.07
MSPGCL Total	133.71	409.15

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	8.59	25.09
State Total	300.63	887.69

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

Annexure-2

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	4829	816	195	5840	789	4837	0	4877	5238	-1129	15575	61	15636	2513	18149	49.90
2	4847	608	206	5661	797	4768	0	4753	4840	-961	15105	46	15151	2332	17483	49.94
3	4804	176	281	5261	846	4833	0	4664	4912	-841	15011	46	15057	2189	17246	49.98
4	4807	121	282	5210	777	4828	0	4283	4190	-705	14300	46	14346	2087	16433	50.00
5	4742	117	283	5142	792	4801	0	4286	4398	-637	14496	46	14542	2018	16560	49.96
6	4769	112	284	5165	761	4879	0	4420	4398	-642	14561	49	14610	2025	16635	49.95
7	4712	134	284	5130	769	4967	4	4505	4845	-574	15141	52	15193	1946	17139	50.01
8	4632	175	284	5091	592	4955	47	4708	5148	-549	15284	52	15336	1918	17254	50.00
9	4685	246	276	5207	404	5035	76	4758	4913	-627	15008	52	15060	1994	17054	50.05
10	4718	505	275	5498	316	5072	127	4955	5058	-734	15337	52	15389	2104	17493	49.98
11	4765	1245	275	6285	436	4961	152	5077	5280	-868	16246	49	16295	2233	18528	49.98
12	4881	1165	272	6318	398	5064	157	5056	5211	-950	16198	49	16247	2311	18558	49.97
13	4904	1137	274	6315	288	5024	169	4956	5112	-968	15940	49	15989	2328	18317	49.97
14	4916	1177	272	6365	270	4852	181	4883	5215	-947	15936	41	15977	2309	18286	49.92
15	4906	1170	272	6348	323	4900	121	5026	4994	-960	15726	38	15764	2355	18119	49.88
16	4878	1321	275	6474	383	4845	113	5071	5394	-986	16223	39	16262	2374	18636	50.03
17	4726	1159	276	6161	485	4904	63	4896	4864	-939	15538	39	15577	2334	17911	50.02
18	4555	371	278	5204	639	4771	38	4199	3744	-903	13493	39	13532	2264	15796	50.10
19	4507	307	281	5095	849	4753	4	3569	4010	-848	13863	39	13902	2213	16115	50.01
20	4677	305	280	5262	965	4812	0	4570	4508	-974	14573	41	14614	2390	17004	49.90
21	4638	330	280	5248	980	4740	0	4826	4920	-980	14908	41	14949	2392	17341	49.91
22	4256	505	280	5041	914	4643	0	4470	4789	-980	14407	41	14448	2450	16898	49.94
23	4252	578	280	5110	936	4602	0	4551	4577	-965	14260	41	14301	2504	16805	49.86
24	4279	720	280	5279	978	4693	0	4872	5095	-995	15050	41	15091	2523	17614	49.92
MUs	112.68	14.50	6.53	133.71	15.69	116.54	1.25	112.23	115.65	-20.66	362.18	1.09	363.27	54.11	417.37	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 03/May/2015

Position as on 6.30 Hrs of 04/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
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	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
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	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl requirment	
MSPGCL	Chandrapur Unit 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	
IPP	Adani U-2	660	28/04/2015	06.02	03/05/2015	05.10	Leakage in turbine steam chest.	
MSPGCL	Chandrapur Unit 5	500	01/05/2015	04.30		Continued.	Air heater problem	
MSPGCL	Nasik Unit 5	210	02/05/2015	05.25		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	02/05/2015	11.29		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	03/05/2015	13.00		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	

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

Statement-VII

Position as on 6.30 Hrs of 04/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	IntraState	21/04/2015	00.07		Continued.	HT	To Control Line Loading of Waluj-A'Bad PG
Wardha PG - Aurangabad PG IV	IntraState	21/04/2015	10.33		Continued.	HT	Line Rectification work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	02/05/2015	17.05	03/05/2015	08.59	HT	Over Voltage
Kolhapur Mapusa II	InterState	02/05/2015	17.42	03/05/2015	07.37	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	03/05/2015	10.28	03/05/2015	10.57	PO	Take Sample of Line Reactor at Akola end.
Akola Aurangabad(PG) II	InterState	03/05/2015	13.54	03/05/2015	14.18	PO	For Taking Line Reactor In.
Kolhapur Mapusa I	InterState	03/05/2015	16.44		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/05/2015	18.27		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	Over Current Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	01/05/2015	12.16		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	02/05/2015	17.05	03/05/2015	06.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/05/2015	18.03	03/05/2015	08.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/05/2015	18.14	03/05/2015	06.30	HT	Over Voltage
karad -kolhapur-II	IntraState	03/05/2015	16.35		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	03/05/2015	17.57		Continued.	PO	Over Voltage
Bhusawal-Aurangabad	IntraState	03/05/2015	18.11		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Chandrapur Gcr - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Chandrapur Gcr - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and deenergising the line bet.86 to 107.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Padghe - Wada	IntraState	01/05/2015	14.22	03/05/2015	18.16	PO	Construction work
Deepnagar Amalner	IntraState	02/05/2015	17.55		Continued.	T	Distance Protection Operated Zone-I.
Kalwa - Colourchem	IntraState	03/05/2015	08.02	03/05/2015	12.31	PO	Routine 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
110 KV LINE Outages/Trippings							
Cable Trombay Chembur 2	IntraState	03/05/2015	14.18	03/05/2015	18.19	PO	For Cold Line washing.

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