

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.933	810.505	1) Gujrat	-3.665	-31.231
2) Hydro	20.267	141.599	2) Madhya Pradesh	10.807	87.691
3) Gas	6.188	44.442	3) Chattisgarh	5.370	38.380
Total MSPGCL	152.388	996.546	4) Maharashtra Net	105.501	717.662
B) 1) APML	58.110	375.590	5) Goa	-7.923	-52.388
2) JSWEL	25.390	169.465	6) TAPS 1&2 Injection	3.401	24.340
3) VIPL	12.446	80.827	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.880	39.780	8) Pench (MS)	0.000	0.297
5) WPCL	9.013	56.396	9) Pench (Excess)	0.000	-0.297
6) Other IPP	5.748	42.367	Total	113.491	784.157
C) 1) TPCL Thermal	17.664	114.837	a) Mumbai Schedule	28.476	182.524
2) TPCL Hydro	4.829	23.897	b) Mumbai Drawl	29.136	191.181
3) TPCL Gas	2.577	19.991	c) MSEDCL Bilateral *	31.538	211.665
4) R-INFRA Thermal	12.380	83.318	Include PX	0.594	7.064
D) STATE			d) Mumbai Bilateral *	28.476	182.524
1) Thermal	272.564	1773.085	Include PX	3.171	11.354
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	25.096	165.496	H) ENERGY CATERED (MUs)		
3) Gas	8.765	64.433	1) MSEDCL	363.845	2453.544
4) Wind	9.444	90.852	2) Mumbai Discoms	66.586	433.223
6) SOLAR	1.071	8.448	TOTAL STATE	430.431	2886.767
TOTAL STATE	316.940	2102.314			

* 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 5 Hrs
MSPGCL Thermal	5217	5385	5081	5282
MSPGCL Hydro	1910	1260	868	221
MSPGCL Gas	282	282	285	283
MSPGCL Total Generation	7409	6927	6234	5786
Central Sector Receipt	5399	5610	4383	4382
WIND	76	80	784	426
CPP / IPP	5072	5108	4644	4683
SOLAR	126	144	1	0
Exchange with Mumbai	-1507	-1614	-1299	-753
MSEDCL DEMAND MET	16575	16255	14747	14524
Load Shedding	68	68	43	48
MSEDCL DEMAND	16643	16323	14790	14572
TPCL GENERATION	1194	1195	1151	848
R-INFRA GENERATION	504	510	518	520
MUMBAI DEMAND	3205	3319	2968	2121
STATE DEMAND MET	19780	19574	17715	16645
STATE DEMAND	19848	19642	17758	16693
Frequency (Hz)	49.92	49.93	49.91	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.65 Hz at 15.42 Hrs	49.91	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 07/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.64	23.69	160	140
Unit 6	0.00	0.00	0	0
Unit 7	3.82	25.80	170	140
Total	7.47	49.50		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.49	73.64	510	380
Unit 5	10.83	69.80	500	385
Total	22.32	143.44		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	20.37	0	0
Unit 6	5.60	36.91	250	200
Unit 7	5.43	37.14	248	198
Total	11.03	103.58		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.45	10.32	152	136
Unit 3	4.77	31.79	206	193
Unit 4	4.46	29.04	192	164
Unit 5	0.00	1.63	0	0
Unit 6	9.82	33.72	425	400
Unit 7	9.86	66.51	440	355
Total	32.36	173.01		
Paras				
Unit 3	5.25	36.56	233	158
Unit 4	4.32	36.42	220	0
Total	9.58	72.98		
Khaparkheda				
Unit 1	4.34	28.64	200	145
Unit 2	3.59	25.47	190	115
Unit 3	4.87	29.55	213	160
Unit 4	4.30	29.71	185	157
Unit 5	11.89	76.45	507	455
Total	28.99	189.82		
Nasik				
Unit 3	4.88	31.81	210	200
Unit 4	4.66	31.16	200	190
Unit 5	4.64	15.21	196	191
Total	14.19	78.18		
Uran				
All Units	6.19	44.44	288	136
Total	6.19	44.44		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.30	0	0
Total	0.00	0.30		
Koyna				
Stage 1-2	4.84	35.26	530	40
Stage 4	8.16	54.42	840	0
Stage 3	2.88	19.54	240	0
Total	15.89	109.22		
Hydro				
KDPH	0.55	4.14	33	18
VTRNA	0.89	6.31	61	0
TILLARI	0.36	2.59	62	0
BHTGR/VEER	0.06	0.47	3	2
BHIRA T.R.	0.32	1.06	40	0
RNGR+BHTSA	0.26	1.58	11	10
BHANDARDRA	0.23	2.48	10	9
ELDARY	0.24	0.45	12	10
SMLHY_PTN	0.66	5.59	35	24
GHATGHAR	0.81	7.69	125	0
Total	4.38	32.38		
Wind				
Total	9.44	90.85	0	0
Total	9.44	90.85		
CPP				
APML(Mus)	58.11	375.59	0	0
JSWEL(Mus)	25.39	169.46	0	0
VIPL(Mus)	12.45	80.83	0	0
RPLAMT(Mus)	5.88	39.78	0	0
WPCL(Mus)	9.01	56.40	0	0
Other(Mus)	5.75	42.37	0	0
Total	116.59	764.42		
SOLAR				
Total	1.07	8.45	0	0
Total	1.07	8.45		
Tata				
Trombay 5	11.66	72.98	496	455
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	11.79	60	59
Trombay 7B	1.14	8.20	48	47
Trombay 8	6.00	41.86	251	249
TATA Hydro	4.83	23.90	462	0
Total	25.07	158.72		
R-INFRA				
1-2	12.38	83.32	520	503
Total	12.38	83.32		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	125.93	810.50
MSPGCL Thml+Gas	132.12	854.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	20.27	141.60
MSPGCL Total	152.39	996.55

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.01	89.68
State Total	316.94	2102.31

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5236	1021	277	6534	466	4876	0	4393	4670	-1120	15426	64	15490	2686	18176	49.86
2	5209	876	280	6365	558	4692	0	4341	4252	-999	14868	48	14916	2433	17349	49.84
3	5226	436	278	5940	579	4709	0	4235	4280	-946	14562	48	14610	2278	16888	49.81
4	5251	241	278	5770	563	4743	0	4236	4398	-807	14667	48	14715	2169	16884	49.87
5	5282	221	283	5786	426	4683	0	4232	4382	-753	14524	48	14572	2121	16693	49.87
6	5246	430	283	5959	298	4706	0	4396	4923	-755	15131	68	15199	2125	17324	49.91
7	5266	688	285	6239	173	4734	7	4452	4481	-719	14915	68	14983	2103	17086	49.94
8	5388	417	284	6089	100	4859	28	4733	4556	-826	14806	68	14874	2197	17071	49.95
9	5222	831	287	6340	42	4973	62	4891	4714	-1132	14999	68	15067	2515	17582	49.92
10	5223	1501	288	7012	52	5101	106	4971	4768	-1365	15674	68	15742	2881	18623	49.90
11	5217	1910	282	7409	76	5072	126	5015	5399	-1507	16575	68	16643	3205	19848	49.92
12	5317	1626	282	7225	47	5098	146	5114	4784	-1523	15777	68	15845	3255	19100	49.89
13	5385	1260	282	6927	80	5108	144	5313	5610	-1614	16255	68	16323	3319	19642	49.93
14	5379	1203	281	6863	165	5035	144	5246	5263	-1651	15819	60	15879	3298	19177	49.94
15	5309	1189	280	6778	291	5064	107	5279	5322	-1571	15991	40	16031	3314	19345	49.83
16	5323	1211	281	6815	455	5050	109	5442	5252	-1511	16170	40	16210	3317	19527	49.80
17	5351	674	282	6307	465	4980	59	5054	5127	-1458	15480	40	15520	3272	18792	49.93
18	5309	413	282	6004	598	4768	24	4452	4119	-1483	14030	40	14070	3140	17210	49.98
19	5266	256	282	5804	811	4697	8	3978	3858	-1357	13821	40	13861	2970	16831	49.99
20	5081	868	285	6234	784	4644	1	4544	4383	-1299	14747	43	14790	2968	17758	49.91
21	5025	725	137	5887	618	4638	0	4738	4824	-1207	14760	43	14803	2829	17632	49.94
22	4994	627	137	5758	680	4633	0	4661	4710	-1126	14655	43	14698	2712	17410	49.95
23	5164	633	136	5933	554	4781	0	4556	4804	-1166	14906	43	14949	2760	17709	49.93
24	5264	1010	136	6410	563	4943	0	4524	4612	-1241	15287	43	15330	2719	18049	49.93
MUs	125.93	20.27	6.19	152.39	9.44	116.59	1.07	112.80	113.49	-29.14	363.84	1.28	365.12	66.59	431.71	49.91

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 07/May/2015

Position as on 6.30 Hrs of 08/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 5	500	01/05/2015	04.30		Continued.	Air heater problem	
CPP	WPCL U-1	135	03/05/2015	13.00	07/05/2015	05.33	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
IPP	Adani U-2	660	06/05/2015	04.23		Continued.	FRS MOV Bonnet leakage.	
MSPGCL	Parli Unit 5	210	06/05/2015	20.25		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	07/05/2015	08.14	07/05/2015	11.12	Furnace Pressure High	
MSPGCL	Uran Unit 5	108	07/05/2015	20.31	08/05/2015	00.18	Flame Failure	
MSPGCL	Uran Unit A0	120	07/05/2015	20.31	08/05/2015	02.22	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2015

Statement-VII

Position as on 6.30 Hrs of 08/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							
Wardha (PG)-Warora II	InterState	04/05/2015	20.47		Continued.	EO	CB under lockout at Wardha PG end.
Dhule Sar'Sarovar I	InterState	06/05/2015	17.21	07/05/2015	07.46	HT	Over Voltage
Kolhapur Mapusa I	InterState	06/05/2015	17.57	07/05/2015	05.55	HT	Over Voltage
Kolhapur Mapusa II	InterState	07/05/2015	17.10		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/05/2015	18.10		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	06/05/2015	16.39	07/05/2015	06.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/05/2015	17.24	07/05/2015	06.20	HT	Over Voltage
Main Bus @ Taptitanda	IntraState	07/05/2015	10.56	07/05/2015	18.47	PO	SCADA & RELAY TESTING WORK
karad -kolhapur-I	IntraState	07/05/2015	16.41		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/05/2015	17.40	08/05/2015	06.25	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	07/05/2015	17.25	07/05/2015	19.15	PO	Realy Testing work
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.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Khadka-Bhadli-2	IntraState	06/05/2015	13.28		Continued.	HT	Compressor problem at Bhadli end
Kalwa Salsette III	IntraState	07/05/2015	01.29	07/05/2015	06.03	PO	Spare Conductor Removal work
Kharghar - Nerul	IntraState	07/05/2015	08.10	07/05/2015	09.56	PO	Attending Hot Spot
Talandage(400kv) - Five Star Midc	IntraState	07/05/2015	10.18	07/05/2015	16.27	PO	Relay Testing Work
Pirangut - Hinjawadi 2	IntraState	07/05/2015	11.50	07/05/2015	14.40	PO	Annual Maintenance Work
Wadkhal - Ndil 2	IntraState	07/05/2015	15.00	07/05/2015	18.45	PO	Annual Maintenance Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	08/05/2015	03.45	08/05/2015	04.07	T	Distance Protection
Dhule - Malegaon	IntraState	08/05/2015	06.04		Continued.	PO	stringing work at loc 1
Chalishaon-Malegaon	IntraState	08/05/2015	06.05		Continued.	PO	stringing work at loc 1
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