

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Apr/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.511	1103.843	1) Gujrat	0.592	2.368
2) Hydro	22.801	207.989	2) Madhya Pradesh	15.932	158.317
3) Gas	3.448	45.666	3) Chattisgarh	5.940	52.660
Total MSPGCL	159.760	1357.498	4) Maharashtra Net	97.752	776.150
B) 1) APML	45.850	422.610	5) Goa	-7.948	-60.799
2) JSWEL	23.796	200.677	6) TAPS 1&2 Injection	3.695	32.632
3) VIPL	13.080	102.261	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.900	75.009	8) Pench (MS)	0.040	0.549
5) WPCL	2.764	24.492	9) Pench (Excess)	-0.040	-0.549
6) Other IPP	8.338	78.036	Total	115.923	960.779
C) 1) TPCL Thermal	17.652	169.750	a) Mumbai Schedule	24.756	197.152
2) TPCL Hydro	5.419	30.435	b) Mumbai Drawl	23.962	200.878
3) TPCL Gas	2.162	22.230	c) MSEDCL Bilateral *	24.081	201.259
4) R-INFRA Thermal	12.393	106.134	Include PX	-0.228	-22.891
D) STATE			d) Mumbai Bilateral *	24.756	197.152
1) Thermal	263.284	2282.812	Include PX	0.438	2.052
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	28.220	238.424	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	5.610	67.896	1) MSEDCL	359.751	3144.195
4) Wind	7.005	111.217	2) Mumbai Discoms	61.588	529.430
6) SOLAR	1.297	11.945	TOTAL STATE	421.339	3673.625
TOTAL STATE	305.416	2712.294			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5500	5639	5481	5661
MSPGCL Hydro	1993	1749	580	143
MSPGCL Gas	143	142	146	143
MSPGCL Total Generation	7636	7530	6207	5947
Central Sector Receipt	5416	5926	4798	4499
WIND	29	54	518	236
CPP / IPP	4383	4395	4141	4113
SOLAR	186	182	0	0
Exchange with Mumbai	-1319	-1341	-1062	-518
MSEDCL DEMAND MET	16331	16746	14602	14277
Load Shedding	49	49	39	46
MSEDCL DEMAND	16380	16795	14641	14323
TPCL GENERATION	1275	1241	1287	812
R-INFRA GENERATION	506	515	517	520
MUMBAI DEMAND	3100	3097	2866	1850
STATE DEMAND MET	19431	19843	17468	16127
STATE DEMAND	19480	19892	17507	16173
Frequency (Hz)	49.94	49.93	49.88	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 07.02 Hrs	49.57 Hz at 14.22 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 09/Apr/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.74	18.05	165	140
Unit 6	0.00	0.00	0	0
Unit 7	4.15	36.17	180	160
Total	7.88	54.22		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.38	36.12	190	175
Unit 4	11.60	85.01	510	420
Unit 5	8.10	89.98	470	230
Total	24.08	211.12		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.10	14.82	143	100
Unit 5	3.56	30.09	157	132
Unit 6	4.79	42.50	250	188
Unit 7	4.77	42.90	251	181
Total	16.22	130.31		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.15	29.23	136	124
Unit 3	4.82	40.88	208	188
Unit 4	4.39	39.15	191	168
Unit 5	10.32	88.87	440	414
Unit 6	9.61	85.33	420	390
Unit 7	9.50	83.27	441	345
Total	41.78	366.72		
Paras				
Unit 3	5.26	45.10	232	205
Unit 4	5.44	11.28	237	210
Total	10.70	56.38		
Khaparkheda				
Unit 1	3.94	37.64	185	135
Unit 2	0.00	0.44	0	0
Unit 3	0.00	11.38	0	0
Unit 4	3.88	18.68	190	50
Unit 5	11.15	101.35	490	440
Total	18.98	169.49		
Nasik				
Unit 3	4.74	41.42	210	185
Unit 4	4.60	40.59	202	170
Unit 5	4.52	33.60	194	182
Total	13.87	115.61		
Uran				
All Units	3.45	45.67	148	141
Total	3.45	45.67		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.04	0.55	33	0
Total	0.04	0.55		
Koyna				
Stage 1-2	6.02	53.02	505	45
Stage 4	8.74	79.89	1090	0
Stage 3	2.94	29.22	240	0
Total	17.70	162.13		
Hydro				
KDPH	0.44	6.20	19	18
VTRNA	1.12	10.07	61	0
TILLARI	0.34	3.28	60	0
BHTGR/VEER	0.06	0.52	3	2
BHIRA T.R.	0.28	1.48	80	0
RNGR+BHTSA	0.30	2.02	13	12
BHANDARDRA	0.51	4.48	22	21
ELDARY	0.00	0.72	0	0
SMLHY_PTN	0.99	8.79	42	41
GHATGHAR	1.06	8.29	226	0
Total	5.10	45.86		
Wind				
Total	7.00	111.22	0	0
Total	7.00	111.22		
CPP				
APML(Mus)	45.85	422.61	0	0
JSWEL(Mus)	23.80	200.68	0	0
VIPL(Mus)	13.08	102.26	0	0
RPLAMT(Mus)	5.90	75.01	0	0
WPCL(Mus)	2.76	24.49	0	0
Other(Mus)	8.34	78.04	0	0
Total	99.73	903.08		
SOLAR				
Total	1.30	11.94	0	0
Total	1.30	11.94		
Tata				
Trombay 5	11.64	97.81	493	466
Trombay 6	0.00	19.93	0	0
Trombay 7A	1.19	12.40	50	49
Trombay 7B	0.97	9.83	41	40
Trombay 8	6.01	52.01	252	248
TATA Hydro	5.42	30.44	471	0
Total	25.23	222.42		
R-INFRA				
1-2	12.39	106.13	520	504
Total	12.39	106.13		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	133.51	1103.84
MSPGCL Thml+Gas	136.96	1149.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.80	207.99
MSPGCL Total	159.76	1357.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.76	132.91
State Total	305.42	2712.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Apr/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	5466	598	142	6206	530	4068	0	4443	5008	-889	14923	60	14983	2270	17253	49.90
2	5526	394	142	6062	465	4043	0	4630	4651	-723	14498	46	14544	2074	16618	49.91
3	5600	143	142	5885	365	4012	0	4485	4812	-605	14469	46	14515	1957	16472	49.96
4	5633	143	143	5919	315	4062	0	4400	4507	-554	14249	46	14295	1879	16174	49.98
5	5661	143	143	5947	236	4113	0	4443	4499	-518	14277	46	14323	1850	16173	49.95
6	5757	268	143	6168	163	4024	0	4484	4690	-571	14474	49	14523	1919	16442	49.86
7	5753	806	143	6702	153	4141	10	4371	4884	-646	15244	49	15293	1992	17285	49.99
8	5705	1240	143	7088	99	4241	33	4413	4667	-758	15370	49	15419	2122	17541	50.06
9	5611	1129	142	6882	58	4397	77	4761	5170	-1048	15536	49	15585	2467	18052	49.71
10	5606	1250	142	6998	32	4529	123	4994	5382	-1094	15970	49	16019	2766	18785	49.86
11	5419	1849	143	7411	24	4429	159	5042	5486	-1239	16270	49	16319	3036	19355	49.88
12	5500	1993	143	7636	29	4383	186	5280	5416	-1319	16331	49	16380	3100	19480	49.94
13	5639	1749	142	7530	54	4395	182	4958	5926	-1341	16746	49	16795	3097	19892	49.93
14	5672	1415	141	7228	108	4394	181	4923	5098	-1246	15763	39	15802	2979	18781	49.96
15	5645	1605	146	7396	184	4345	159	4885	5083	-1216	15951	36	15987	3027	19014	49.72
16	5509	2124	146	7779	290	4240	103	4831	5321	-1236	16497	37	16534	3081	19615	49.87
17	5443	1953	146	7542	380	3946	57	4762	4817	-1219	15523	45	15568	3045	18613	49.92
18	5498	691	147	6336	541	3917	25	4370	3949	-1260	13508	37	13545	2941	16486	49.99
19	5476	510	148	6134	439	3870	2	4092	3720	-1150	13015	36	13051	2807	15858	49.94
20	5481	580	146	6207	518	4141	0	4613	4798	-1062	14602	39	14641	2866	17507	49.88
21	5519	517	146	6182	623	4050	0	4546	4504	-1089	14270	39	14309	2727	17036	49.92
22	5503	201	145	5849	539	4063	0	4491	4572	-1059	13964	39	14003	2604	16607	49.88
23	5436	551	142	6129	512	4061	0	4413	4475	-1089	14088	39	14127	2521	16648	49.88
24	5453	949	142	6544	348	3864	0	4396	4488	-1031	14213	39	14252	2501	16753	49.84
MUs	133.51	22.80	3.45	159.76	7.01	99.73	1.30	111.03	115.92	-23.96	359.75	1.06	360.81	61.63	422.44	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 09/Apr/2015

Position as on 6.30 Hrs of 10/Apr/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)	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		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	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	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
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	
MSPGCL	Uran Unit 8	108	01/04/2015	17.50		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	Adani U-3	660	04/04/2015	02.12	09/04/2015	05.42	Due to Main Steam drain line leakage.	
MSPGCL	Uran Unit A0	120	04/04/2015	14.38		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	04/04/2015	14.39		Continued.	Gas shortage	
CENT.SECTOR	TARAPUR-3	540	04/04/2015	20.15		Continued.	Reheater Problem	
MSPGCL	Khaparkheda Unit 3	210	04/04/2015	22.52		Continued.	Gland Steam Temp. High.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Koyna Unit 10	80	06/04/2015	08.15		Continued.	To attend leakages.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Apr/2015

Position as on 6.30 Hrs of 10/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
IPP	Adani U-2	660	09/04/2015	15.50		Continued.	Boiler feed Pump Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 10/Apr/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)- II	InterState	28/03/2015	12.37		Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha PG - Aurangabad PG IV	IntraState	03/04/2015	21.57		Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings							
Akola II - RPL(Rattanindia) Ckt I	InterState	07/04/2015	00.27		Continued.	T	Over Current Protection
Akola II - RPL(Rattanindia) Ckt-II	InterState	07/04/2015	00.27	09/04/2015	22.26	T	Over Current Protection
Dhule Sar'Sarovar I	InterState	08/04/2015	22.02	09/04/2015	08.36	HT	Over Voltage
Kolhapur Mapusa II	InterState	09/04/2015	04.06	09/04/2015	09.17	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	09/04/2015	10.10	09/04/2015	14.48	PO	Breaker Testing work.
Main Bus- II @ Jejuri	InterState	09/04/2015	12.47	09/04/2015	14.30	PO	Testing Work
Lamboti - Solapur (PG)	InterState	09/04/2015	22.18	09/04/2015	23.29	T	Distance Protection
Dabhol Nagothane I	InterState	10/04/2015	04.28		Continued.	T	Distance Protection
karad -kolhapur-I	IntraState	08/04/2015	17.10	09/04/2015	07.07	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	08/04/2015	22.45		Continued.	HT	HT For Controlling 400KV BABLESHWER - PADGHA
Jaigad-New Koyna Ckt-I	IntraState	09/04/2015	09.18	09/04/2015	18.51	PO	Baj maint Work.
karad -kolhapur-II	IntraState	09/04/2015	16.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/04/2015	18.05		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	09/04/2015	23.19	10/04/2015	01.10	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva ICT-I @Lonikand 2	IntraState	09/04/2015	10.50	09/04/2015	18.53	PO	Cooling Fan Checking.
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	09/04/2015	10.23		Continued.	PO	Relay Pannel Repl. Work.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).open at location 14 b
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40		Continued.	HT	handtripped
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.
Parli 3 (Old Gcr)-Osmanabad	IntraState	07/04/2015	09.46	09/04/2015	06.44	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	09/04/2015	03.10	09/04/2015	03.25	T	Distance Protection
Babhleshwar- Ranjangaon	IntraState	09/04/2015	05.55		Continued.	HT	Over Voltage
Kharepatan -Pawas Line	IntraState	09/04/2015	09.05	09/04/2015	17.15	PO	Insulator Cleaning work.
Hinjawadi I- Chinchwad	IntraState	09/04/2015	09.09	09/04/2015	16.14	PO	To Control Line Loading.
Vsnl-512 Khadki	IntraState	09/04/2015	10.06	09/04/2015	16.27	PO	Half yearly maintenance work
Loteparshuram- Dasturi Line	IntraState	09/04/2015	10.40	09/04/2015	18.42	PO	Repl. of Control Cables pf relay Pannel.
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 200 MVA ICT II @Babhleshwar	IntraState	09/04/2015	09.20	09/04/2015	13.30	PO	Tan of Testing of HVLV CT.

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 09/Apr/2015

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Phursungi(220kv)-Kothrud	IntraState	09/04/2015	09.29	09/04/2015	16.45	PO	Half yearly maintenance work