

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Apr/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.832	866.768	1) Gujrat	-7.529	-36.763
2) Hydro	12.664	86.543	2) Madhya Pradesh	13.615	125.341
3) Gas	10.593	88.662	3) Chattisgarh	7.700	69.670
Total MSPGCL	120.089	1041.973	4) Maharashtra Net	102.041	910.310
B) 1) APML	66.294	591.048	5) Goa (Amona)	-0.518	-4.476
2) JSWEL	26.338	232.501	6) TAPS 1&2 Injection	3.785	32.937
3) VIPL	13.733	120.113	7) RGPPL Injection	11.664	105.488
4) RPL(AMT)	11.779	146.735	8) Pench (MS)	0.104	1.728
5) WPCL	4.327	40.240	9) Pench (Excess)	-0.104	-1.728
6) Other IPP	7.932	69.826	Total	130.654	1200.779
C) 1) TPCL Thermal	15.977	138.092	a) Mumbai Schedule	26.998	239.589
2) TPCL Hydro	2.620	28.841	b) Mumbai Drawl	29.224	273.120
3) TPCL Gas	3.887	36.340	c) MSEDCL Bilateral *	26.541	280.666
4) R-INFRA Thermal	5.849	50.886	Include PX	-9.705	-38.596
D) STATE			d) Mumbai Bilateral *	26.998	239.589
1) Thermal	249.061	2256.209	Include PX	4.364	47.837
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	15.284	115.384	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.480	125.002	1) MSEDCL	365.674	3288.193
4) Wind	12.465	106.871	2) Mumbai Discoms	57.559	527.281
6) SOLAR	1.287	11.227	TOTAL STATE	423.233	3815.474
TOTAL STATE	292.577	2614.693			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4363	4388	3838	3399
MSPGCL Hydro	728	781	999	112
MSPGCL Gas	445	398	432	454
MSPGCL Total Generation	5536	5567	5269	3965
Central Sector Receipt	6236	6177	6089	4771
WIND	128	179	661	837
CPP / IPP	5541	5498	5418	5158
SOLAR	170	121	0	0
Exchange with Mumbai	-1435	-1432	-1318	-921
MSEDCL DEMAND MET	16176	16110	16119	13810
Load Shedding	0	0	0	0
MSEDCL DEMAND	16176	16110	16119	13810
TPCL GENERATION	1133	1052	1061	709
R-INFRA GENERATION	253	255	257	202
MUMBAI DEMAND	2821	2739	2636	1832
STATE DEMAND MET	18997	18849	18755	15642
STATE DEMAND	18997	18849	18755	15642
Frequency (Hz)	49.94	49.96	49.92	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 16:01 Hrs	49.73 Hz at 19:12 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 09/Apr/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Bhusawal				
Unit 2	3.86	34.76	175	140
Unit 3	4.10	36.26	180	160
Unit 4	10.85	95.11	505	350
Unit 5	10.84	95.20	510	350
Total	29.65	261.33		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.55	40.04	200	165
Unit 4	4.36	38.78	190	160
Unit 5	9.85	90.30	445	365
Unit 6	0.00	0.00	0	0
Unit 7	5.83	70.09	400	0
Total	24.59	239.22		
Paras				
Unit 3	5.98	51.79	260	238
Unit 4	6.07	52.95	265	220
Total	12.05	104.74		
Khaparkheda				
Unit 1	4.14	32.53	185	160
Unit 2	4.10	36.48	185	145
Unit 3	4.36	38.66	195	161
Unit 4	4.58	39.98	209	160
Unit 5	0.00	0.00	0	0
Total	17.18	147.65		
Nasik				
Unit 3	4.52	37.96	205	165
Unit 4	4.40	37.81	199	163
Unit 5	4.44	38.06	204	162
Total	13.36	113.83		
Uran				
All Units	10.59	88.66	460	398
Total	10.59	88.66		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.10	1.73	36	0
Total	0.10	1.73		
Koyna				
Stage 1-2	4.22	33.72	470	40
Stage 4	3.45	12.18	413	0
Stage 3	1.73	10.34	160	0
Total	9.39	56.23		
Hydro				
KDPH	0.72	5.96	30	30
VTRNA	0.49	4.48	61	0
TILLARI	0.00	1.72	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.79	40	0
RNGR+BHTSA	0.22	1.94	11	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.72	7.89	30	30
GHATGHAR	0.99	5.26	125	0
Total	3.27	30.31		
Wind				
Total	12.46	106.87	0	0
Total	12.46	106.87		
CPP				
APML(Mus)	66.29	591.05	0	0
JSWEL(Mus)	26.34	232.50	0	0
VIPL(Mus)	13.73	120.11	0	0
RPLAMT(Mus)	11.78	146.74	0	0
WPCL(Mus)	4.33	40.24	0	0
Other(Mus)	7.93	69.83	0	0
Total	130.40	1200.46		
SOLAR				
Total	1.29	11.23	0	0
Total	1.29	11.23		
Tata				
Trombay 5	10.31	87.17	476	316
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.42	22.73	114	89
Trombay 7B	1.47	13.61	66	57
Trombay 8	5.67	50.86	249	202
TATA Hydro	2.62	28.84	276	0
Total	22.48	203.27		
R-INFRA				
1-2	5.85	50.89	260	201
Total	5.85	50.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	96.83	866.77	MSPGCL Total	120.09	1041.97
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	107.42	955.43	Koyna 1,2 & 4 Total	7.67	45.90
Koradi 9	0.00	0.00	MSPGCL Hydro	12.66	86.54	State Total	292.58	2614.69
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 09/Apr/2016

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	3489	443	450	4382	936	5368	0	5174	5228	-1430	14484	0	14484	2318	16802	49.96
2	3511	126	450	4087	787	5358	0	5198	5347	-1185	14394	0	14394	2086	16480	49.97
3	3398	100	449	3947	886	5196	0	4765	5101	-1058	14072	0	14072	1958	16030	49.97
4	3358	105	450	3913	924	5034	0	4899	4924	-972	13823	0	13823	1872	15695	49.99
5	3399	112	454	3965	837	5158	0	4857	4771	-921	13810	0	13810	1832	15642	49.99
6	3688	206	450	4344	696	5326	0	4793	4965	-831	14500	0	14500	1885	16385	49.98
7	4012	131	460	4603	739	5481	1	5388	5311	-785	15350	0	15350	1925	17275	50.01
8	4107	143	459	4709	508	5494	33	5398	5412	-785	15371	0	15371	1962	17333	50.00
9	4217	252	454	4923	382	5487	86	5608	5630	-999	15509	0	15509	2189	17698	49.98
10	4239	287	456	4982	305	5528	123	5864	6136	-1193	15881	0	15881	2480	18361	49.92
11	4268	739	427	5434	209	5551	154	5948	5994	-1337	16005	0	16005	2705	18710	49.91
12	4363	728	445	5536	128	5541	170	6080	6236	-1435	16176	0	16176	2821	18997	49.94
13	4387	546	427	5360	52	5503	181	6076	6208	-1459	15845	0	15845	2807	18652	49.93
14	4373	316	446	5135	47	5501	170	6005	6173	-1376	15650	0	15650	2691	18341	49.97
15	4373	604	420	5397	91	5478	142	6026	6233	-1432	15909	0	15909	2737	18646	49.94
16	4388	781	398	5567	179	5498	121	6027	6177	-1432	16110	0	16110	2739	18849	49.96
17	4358	1239	425	6022	326	5508	76	4799	5468	-1346	16054	0	16054	2702	18756	49.97
18	4345	899	438	5682	727	5493	29	4561	4207	-1291	14847	0	14847	2594	17441	50.01
19	4127	218	430	4775	705	5419	1	4536	4716	-1268	14348	0	14348	2550	16898	49.96
20	3838	999	432	5269	661	5418	0	5247	6089	-1318	16119	0	16119	2636	18755	49.92
21	3799	917	443	5159	745	5421	0	5226	5985	-1330	15980	0	15980	2615	18595	49.97
22	4164	832	443	5439	614	5549	0	4727	4828	-1372	15058	0	15058	2512	17570	49.97
23	4311	957	453	5721	544	5574	0	4614	4672	-1322	15189	0	15189	2457	17646	49.92
24	4320	984	434	5738	437	5520	0	4714	4843	-1347	15191	0	15191	2484	17675	49.97
MUs	96.83	12.66	10.59	120.09	12.47	130.40	1.29	126.53	130.65	-29.22	365.67	0.00	365.67	57.56	423.23	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 09/Apr/2016

Position as on 6.30 Hrs of 10/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 5	500	15/03/2016	01.12		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evacuation problem	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	20/03/2016	00.00		Continued.	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	
RGPL	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Apr/2016

Position as on 6.30 Hrs of 10/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	08/04/2016	12.29	09/04/2016	07.17	Turbine bearing Vabration high	
IPP	Adani U-3	660	10/04/2016	12.05	10/04/2016	17.08	Turbine Protection operated	
MSPGCL	Paras Unit 4	250	10/04/2016	18.04	10/04/2016	22.36	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	07/04/2016	17.16	09/04/2016	08.42	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	09/04/2016	09.15		Continued.	HT	Insulator String Replacement Work(RFC 16.45/9-4-16)
Wardha (Pg) Warora I	InterState	09/04/2016	11.12	09/04/2016	12.57	PO	Auxiliary contactor replacement work
Kolhapur Solapur (PG) II	InterState	10/04/2016	17.25		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
karad -kolhapur-I	IntraState	07/04/2016	16.39	09/04/2016	09.16	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/04/2016	16.41	09/04/2016	09.22	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/04/2016	17.05		Continued.	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	08/04/2016	14.06	09/04/2016	16.30	T	Distance Protection
karad -kolhapur-I	IntraState	09/04/2016	16.29	10/04/2016	09.18	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/04/2016	16.44	10/04/2016	09.15	HT	Over Voltage
karad -kolhapur-II	IntraState	10/04/2016	16.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/04/2016	17.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	10/04/2016	07.34	10/04/2016	14.35	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	10/04/2016	06.30	10/04/2016	17.20	PO	For safety clearance for carry out construction work of Kalwa-Borivali line
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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 de-energising 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 de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshevar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Apta - Kalwa	IntraState	08/04/2016	10.25	10/04/2016	20.13	PO	Replacement of OLD Tower
Apta - Talaja	IntraState	09/04/2016	07.53	09/04/2016	18.35	PO	Replacement of old tower
Tata Borivli MSETCL Borivli 5	IntraState	09/04/2016	09.25	09/04/2016	18.05	PO	Pre monsoon maintenance
K'Kheda- Suryalakshmi	IntraState	10/04/2016	10.37	10/04/2016	17.45	PO	CT Replacement
Apta - Talaja	IntraState	10/04/2016	14.58	10/04/2016	20.05	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	09/04/2016	09.15	09/04/2016	13.20	PO	Diagnostic Testing
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	09/04/2016	10.19	09/04/2016	17.58	PO	C B overhauling work
132 KV LINE Outages/Trippings							
Babhaleshwar-Rahuri	IntraState	09/04/2016	08.10	09/04/2016	17.45	PO	Increasing height of conductor supply extended from 132 kv MIDC at 9.50 am

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