

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.941	856.337	1) Gujrat	-1.974	-20.497
2) Hydro	11.264	68.109	2) Madhya Pradesh	14.359	92.523
3) Gas	10.492	73.729	3) Chattisgarh	7.500	47.120
Total MSPGCL	152.697	998.175	4) Maharashtra Net	94.426	639.258
B) 1) APMIL	39.111	324.203	5) Goa (Amona)	-0.252	-3.688
2) JSWEL	26.726	193.342	6) TAPS 1&2 Injection	0.000	10.368
3) VIPL	12.028	87.867	7) RGPPL Injection	10.587	79.905
4) RPL(AMT)	15.935	111.719	8) Pench (MS)	0.089	0.395
5) WPCL	2.480	22.254	9) Pench (Excess)	-0.089	-0.395
6) Other IPP	5.220	38.091	Total	124.557	844.594
C) 1) TPCL Thermal	14.312	103.891	a) Mumbai Schedule	25.131	171.329
2) TPCL Hydro	2.683	20.526	b) Mumbai Drawl	28.596	205.307
3) TPCL Gas	4.080	29.380	c) MSEDCL Bilateral *	31.968	217.293
4) R-INFRA Thermal	11.337	77.762	Include PX	-0.153	-2.046
D) STATE			d) Mumbai Bilateral *	25.131	171.329
1) Thermal	258.090	1815.466	Include PX	2.298	14.321
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	13.947	88.635	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.572	103.109	1) MSEDCL	360.647	2525.482
4) Wind	9.227	100.957	2) Mumbai Discoms	61.008	436.833
6) SOLAR	1.262	9.587	TOTAL STATE	421.655	2962.315
TOTAL STATE	297.098	2117.754			

* 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	5664	5466	5283	5101
MSPGCL Hydro	1054	920	871	87
MSPGCL Gas	428	444	437	449
MSPGCL Total Generation	7146	6830	6591	5637
Central Sector Receipt	5483	5365	5471	4859
WIND	47	517	586	360
CPP / IPP	4459	4263	3964	4231
SOLAR	190	108	0	0
Exchange with Mumbai	-1369	-1356	-1235	-885
MSEDCL DEMAND MET	15956	15727	15377	14202
Load Shedding	0	0	0	0
MSEDCL DEMAND	15956	15727	15377	14202
TPCL GENERATION	1066	1074	1025	694
R-INFRA GENERATION	495	505	511	403
MUMBAI DEMAND	2930	2935	2771	1982
STATE DEMAND MET	18886	18662	18148	16184
STATE DEMAND	18886	18662	18148	16184
Frequency (Hz)	49.98	49.96	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.00 Hrs	49.79 Hz at 12.45 Hrs	49.98	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/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	9.87	60.97	418	410
Total	9.87	60.97		
Bhusawal				
Unit 2	1.51	20.34	140	0
Unit 3	3.99	27.18	180	160
Unit 4	9.96	70.27	500	350
Unit 5	10.00	70.19	500	350
Total	25.46	187.99		
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	4.31	30.85	195	165
Unit 4	4.21	30.05	189	157
Unit 5	9.10	65.81	422	360
Unit 6	9.80	72.66	453	359
Unit 7	9.65	45.87	445	360
Total	37.08	245.25		
Paras				
Unit 3	5.65	38.64	257	200
Unit 4	5.81	39.47	260	192
Total	11.46	78.10		
Khaparkheda				
Unit 1	3.90	27.22	170	155
Unit 2	3.96	27.90	175	155
Unit 3	1.13	26.60	185	0
Unit 4	4.10	29.13	189	160
Unit 5	10.45	48.61	509	370
Total	23.54	159.45		
Nasik				
Unit 3	4.24	29.05	200	160
Unit 4	3.91	28.64	196	150
Unit 5	4.27	29.24	201	164
Total	12.43	86.93		
Uran				
All Units	10.49	73.73	457	411
Total	10.49	73.73		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.09	0.40	24	0
Total	0.09	0.40		
Koyna				
Stage 1-2	4.20	24.22	495	40
Stage 4	1.58	17.05	253	0
Stage 3	1.73	9.48	160	0
Total	7.50	50.74		
Hydro				
KDPH	0.56	4.13	24	23
VTRNA	0.00	0.29	0	0
TILLARI	0.36	2.30	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.17	42	0
RNGR+BHTSA	0.21	1.24	11	0
BHANDARDRA	0.16	0.97	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	1.08	11	10
GHATGHAR	2.08	6.19	250	0
Total	3.77	17.37		
Wind				
Total	9.23	100.96	0	0
Total	9.23	100.96		
CPP				
APML(Mus)	39.11	324.20	0	0
JSWEL(Mus)	26.73	193.34	0	0
VIPL(Mus)	12.03	87.87	0	0
RPLAMT(Mus)	15.94	111.72	0	0
WPCL(Mus)	2.48	22.25	0	0
Other(Mus)	5.22	38.09	0	0
Total	101.50	777.48		
SOLAR				
Total	1.26	9.59	0	0
Total	1.26	9.59		
Tata				
Trombay 5	8.63	64.06	436	181
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	19.01	115	95
Trombay 7B	1.50	10.37	65	58
Trombay 8	5.68	39.83	251	200
TATA Hydro	2.68	20.53	256	5
Total	21.08	153.80		
R-INFRA				
1-2	11.34	77.76	515	400
Total	11.34	77.76		

* 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	130.94	856.34	MSPGCL Total	152.70	998.18
Chandrapur 9	0.06	0.06	MSPGCL Thml+Gas	141.43	930.07	Koyna 1,2 & 4 Total	5.77	41.26
Koradi 9	11.05	37.59	MSPGCL Hydro	11.26	68.11	State Total	297.10	2117.75
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/May/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	5432	84	456	5972	757	4261	0	5210	4929	-1428	14491	0	14491	2536	17027	49.97
2	5455	74	449	5978	635	4267	0	5090	4964	-1202	14642	0	14642	2303	16945	49.98
3	5176	74	457	5707	689	4262	0	4962	4909	-1054	14513	0	14513	2148	16661	49.99
4	5222	74	449	5745	476	4253	0	4961	4984	-951	14507	0	14507	2050	16557	50.00
5	5101	87	449	5637	360	4231	0	4987	4859	-885	14202	0	14202	1982	16184	49.99
6	5513	118	450	6081	193	4247	0	5016	5032	-877	14676	0	14676	2010	16686	49.97
7	5934	118	452	6504	58	4509	3	4915	4692	-647	15119	0	15119	1991	17110	50.04
8	5825	123	457	6405	28	4529	36	4951	4505	-681	14822	0	14822	2057	16879	50.01
9	5791	92	455	6338	36	4527	96	5131	5230	-955	15272	0	15272	2327	17599	49.99
10	5797	383	424	6604	22	4519	132	5160	5057	-1116	15218	0	15218	2576	17794	49.98
11	5738	1148	434	7320	21	4461	164	5225	4932	-1323	15575	0	15575	2852	18427	49.99
12	5664	1054	428	7146	47	4459	190	5381	5483	-1369	15956	0	15956	2930	18886	49.98
13	5644	611	418	6673	81	4541	182	5412	5173	-1324	15326	0	15326	2931	18257	49.94
14	5859	358	411	6628	247	4491	147	5476	5329	-1268	15574	0	15574	2870	18444	49.99
15	5694	395	416	6505	336	4382	137	5524	5361	-1365	15356	0	15356	2913	18269	49.94
16	5466	920	444	6830	517	4263	108	5542	5365	-1356	15727	0	15727	2935	18662	49.96
17	5040	779	420	6239	597	3863	45	5404	5784	-1338	15190	0	15190	2931	18121	50.00
18	5060	437	443	5940	474	3651	20	5067	4653	-1252	13486	0	13486	2826	16312	49.99
19	5127	666	415	6208	529	3702	2	4671	4797	-1209	14029	0	14029	2708	16737	49.98
20	5283	871	437	6591	586	3964	0	5288	5471	-1235	15377	0	15377	2771	18148	49.94
21	5643	431	431	6505	665	4187	0	5540	5511	-1440	15428	0	15428	2694	18122	50.00
22	5145	723	441	6309	661	3784	0	5525	5870	-1515	15109	0	15109	2587	17696	50.01
23	5179	750	431	6360	633	3981	0	5505	5585	-1418	15141	0	15141	2528	17669	49.96
24	5153	894	425	6472	579	4166	0	5417	6083	-1388	15912	0	15912	2552	18464	49.99
MUs	130.94	11.26	10.49	152.70	9.23	101.50	1.26	125.36	124.56	-28.60	360.65	0.00	360.65	61.01	421.66	49.98

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/2016

Position as on 6.30 Hrs of 08/May/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 synch.07.04.2016 (12.03 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	
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.	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	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
RGPL	Dabhol 2B	230	26/04/2016	13.12	08/05/2016	00.58	P.M.WORK	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
CENT.SECTOR	Tarapur 1	160	04/05/2016	00.20		Continued.	Mandatory surveillance checks,Main condenser tube leak check	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
MSPGCL	Khaparkheda Unit 3	210	07/05/2016	07.00	08/05/2016	05.52	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/May/2016

Position as on 6.30 Hrs of 08/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 2	210	07/05/2016	11.25		Continued.	Control Valve Problem.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vacuum	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vacuum	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2016

Statement-VII

Position as on 6.30 Hrs of 08/May/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	04/05/2016	12.53		Continued.	PO	Retrofitting of Main Protection.(06/05/2016 RFC at
Kolhapur Solapur (PG) II	InterState	08/05/2016	16.34		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	08/05/2016	18.13	08/05/2016	19.54	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorintetion.
karad -kolhapur-I	IntraState	05/05/2016	17.06	07/05/2016	08.38	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/05/2016	18.33	07/05/2016	12.55	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/05/2016	17.35	07/05/2016	08.44	HT	Over Voltage
Chandrapur-Parali III	IntraState	07/05/2016	11.26	07/05/2016	20.49	PO	Commissioning of Relay Work.
Babhaleshwar-Taptitanda ckt-II	IntraState	07/05/2016	13.09		Continued.	PO	Conductor Stringing Work(5 Days).
Babhaleshwar - Padghe-I	IntraState	07/05/2016	15.51	08/05/2016	20.26	PO	Line Corssing Work of 765KV Aurangabad-Padgha Double Ckt(2 Days).
karad -kolhapur-I	IntraState	07/05/2016	16.15	08/05/2016	08.48	HT	Over Voltage
Akola - Bhusawal	IntraState	07/05/2016	16.37	08/05/2016	07.12	T	Distance Protection
Karad - Jaigad - II	IntraState	07/05/2016	17.02	08/05/2016	08.50	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	08/05/2016	08.21		Continued.	PO	Insulator String Replacement RFC At 21:15Hrs (08.05.2016).
karad -kolhapur-II	IntraState	08/05/2016	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/05/2016	16.27		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/05/2016	16.27		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	07/05/2016	08.32	07/05/2016	14.14	PO	Half Yearly Maintenance & Diagnostic Testing.
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	07/05/2016	09.33	07/05/2016	13.54	PO	Diagnostic Testing Work.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	08/05/2016	08.38	08/05/2016	20.47	PO	For Replacement Of High Tan Delta CT.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25	08/05/2016	08.25	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.
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).
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhaleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Bus Coupler @ Babhaleshwar	IntraState	06/05/2016	22.45	07/05/2016	00.05	PO	To Attend Sparking at Isolator Jaw.
Osmanabad - Solapur (Bale)	IntraState	07/05/2016	09.04	07/05/2016	16.58	PO	Line Maintenance work
Nagar-Bose II	IntraState	07/05/2016	10.25	07/05/2016	19.13	PO	Stringing of 132KV Nimlak TSS Line.
Kalwa - Borivali	IntraState	07/05/2016	13.13	07/05/2016	14.50	EO	Attending Hot Spot
Borivali(M)- Vasai	IntraState	07/05/2016	15.30	07/05/2016	17.51	PO	Attending SF6 Gas Leakage of Breaker.

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 07/May/2016

Statement-VII

Position as on 6.30 Hrs of 08/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tata Borivli MSETCL Borivli 4	IntraState	08/05/2016	08.45		Continued.	PO	Annual Maintenance Work
Padghe - Nalasopara	IntraState	08/05/2016	12.55	08/05/2016	16.46	PO	Annual 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)
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	07/05/2016	06.33	07/05/2016	11.54	PO	Replacement of LA (B Ph) of HV & LV Side.
200MVA ICT VI @ Nasik GCR	IntraState	07/05/2016	09.05	07/05/2016	14.42	PO	Maintenance & Diagnostic Testing.
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	07/05/2016	10.27	07/05/2016	17.34	PO	Testing & R M Work.
100MVA ICT - I @ Boisar-II	IntraState	08/05/2016	09.17	08/05/2016	16.50	PO	E/O To Attend CB Sf 6 Leakage.
132 KV LINE Outages/Trippings							
Ekl(Gcr)-Ranwad	IntraState	08/05/2016	17.17	08/05/2016	22.01	T	Distance Protection

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