

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.876	1212.590	1) Gujrat	-2.426	-49.971
2) Hydro	2.674	44.029	2) Madhya Pradesh	10.434	83.193
3) Gas	6.414	61.369	3) Chattisgarh	7.220	63.040
Total MSPGCL	139.964	1317.988	4) Maharashtra Net	117.461	1034.206
B) 1) APML	13.254	118.471	5) Goa (Amona)	-0.616	-7.404
2) JSWEL	20.007	179.043	6) TAPS 1&2 Injection	3.580	32.076
3) VIPL	12.793	109.026	7) RGPPL Injection	11.276	101.668
4) RPL(AMT)	20.309	171.190	8) Pench (MS)	0.123	0.595
5) WPCL	2.804	32.735	9) Pench (Excess)	-0.123	-0.595
6) Other IPP	4.602	41.197	Total	146.806	1256.213
C) 1) TPCL Thermal	16.428	146.668	a) Mumbai Schedule	30.573	254.263
2) TPCL Hydro	3.696	28.710	b) Mumbai Drawl	37.710	323.275
3) TPCL Gas	2.763	22.718	c) MSEDCL Bilateral *	34.443	337.511
4) R-INFRA Thermal	11.420	101.642	Include PX	0.000	20.500
D) STATE			d) Mumbai Bilateral *	30.573	254.263
1) Thermal	232.493	2112.562	Include PX	8.315	55.681
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.370	72.739	H) ENERGY CATERED (MUs)		
3) Gas	9.177	84.087	1) MSEDCL	348.512	3105.988
4) Wind	24.543	193.364	2) Mumbai Discoms	72.017	623.012
6) SOLAR	1.140	10.036	TOTAL STATE	420.529	3729.000
TOTAL STATE	273.723	2472.788			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6026	5430	5481	4988
MSPGCL Hydro	224	443	61	46
MSPGCL Gas	264	263	271	271
MSPGCL Total Generation	6514	6136	5813	5305
Central Sector Receipt	6472	6954	6086	5454
WIND	559	666	1202	1245
CPP / IPP	3111	3304	3334	2938
SOLAR	132	119	0	0
Exchange with Mumbai	-1827	-1763	-1446	-1383
MSEDCL DEMAND MET	14961	15416	14989	13559
Load Shedding	0	0	0	0
MSEDCL DEMAND	14961	15416	14989	13559
TPCL GENERATION	1107	1320	1016	606
R-INFRA GENERATION	492	498	514	402
MUMBAI DEMAND	3426	3581	2976	2391
STATE DEMAND MET	18387	18997	17965	15950
STATE DEMAND	18387	18997	17965	15950
Frequency (Hz)	49.98	49.94	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 14:27 Hrs	49.79 Hz at 19:52 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 09/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.42	29.74	160	130
Unit 6	0.00	0.00	0	0
Unit 7	3.76	33.92	165	150
Unit 8	12.79	115.29	650	400
Total	19.97	178.95		
Bhusawal				
Unit 2	3.32	26.80	145	130
Unit 3	3.92	35.24	170	160
Unit 4	10.47	91.76	490	350
Unit 5	10.84	92.64	510	355
Total	28.54	246.44		
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	4.35	36.50	189	167
Unit 4	4.29	38.15	185	166
Unit 5	10.34	67.84	455	360
Unit 6	10.30	88.59	457	360
Unit 7	4.98	84.29	444	0
Total	34.27	315.37		
Paras				
Unit 3	5.71	49.96	253	205
Unit 4	5.89	51.08	260	210
Total	11.60	101.04		
Khaparkheda				
Unit 1	3.30	30.44	160	110
Unit 2	3.74	34.30	170	140
Unit 3	0.00	33.39	0	0
Unit 4	4.43	32.32	193	158
Unit 5	11.32	96.11	505	365
Total	22.79	226.55		
Nasik				
Unit 3	4.24	37.56	190	165
Unit 4	4.27	37.91	195	163
Unit 5	4.24	37.95	195	165
Total	12.75	113.42		
Uran				
All Units	6.41	61.37	281	250
Total	6.41	61.37		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.12	0.60	24	0
Total	0.12	0.60		
Koyna				
Stage 1-2	1.27	14.62	155	40
Stage 4	0.29	9.31	233	0
Stage 3	0.24	5.85	80	0
Total	1.81	29.78		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.84	80	0
RNGR+BHTSA	0.00	1.26	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.02	0.30	1	1
GHATGHAR	0.64	7.08	278	0
Total	0.87	14.25		
Wind				
Total	24.54	193.36	0	0
Total	24.54	193.36		
CPP				
APML(Mus)	13.25	118.47	0	0
JSWEL(Mus)	20.01	179.04	0	0
VIPL(Mus)	12.79	109.03	0	0
RPLAMT(Mus)	20.31	171.19	0	0
WPCL(Mus)	2.80	32.74	0	0
Other(Mus)	4.60	41.20	0	0
Total	73.77	651.66		
SOLAR				
Total	1.14	10.04	0	0
Total	1.14	10.04		
Tata				
Trombay 5	10.73	95.61	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.62	13.11	90	49
Trombay 7B	1.14	9.60	57	40
Trombay 8	5.70	51.06	250	199
TATA Hydro	3.70	28.71	441	24
Total	22.89	198.10		
R-INFRA				
1-2	11.42	101.64	514	401
Total	11.42	101.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.96	12.45	MSPGCL Thermal	130.88	1212.59	MSPGCL Total	139.96	1317.99
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	137.29	1273.96	Koyna 1,2 & 4 Total	1.56	23.93
Koradi 9	0.00	18.36	MSPGCL Hydro	2.67	44.03	State Total	273.72	2472.79
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jun/2016

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	5491	41	259	5791	1741	2951	0	5792	5798	-1585	14696	0	14696	2982	17678	49.99
2	5119	41	250	5410	1630	2950	0	5699	5480	-1427	14043	0	14043	2760	16803	49.98
3	5022	46	260	5328	1523	2949	0	5519	5440	-1346	13894	0	13894	2585	16479	49.97
4	5009	41	250	5300	1344	2948	0	5393	5509	-1432	13669	0	13669	2453	16122	49.97
5	4988	46	271	5305	1245	2938	0	5343	5454	-1383	13559	0	13559	2391	15950	49.99
6	5228	46	251	5525	1271	2924	0	5373	5487	-1377	13830	0	13830	2390	16220	49.98
7	5582	41	269	5892	855	2928	5	5503	5723	-1300	14103	0	14103	2312	16415	50.01
8	5833	41	253	6127	716	3038	30	5575	5950	-1327	14534	0	14534	2356	16890	49.99
9	5839	41	281	6161	690	3084	65	5756	6081	-1562	14519	0	14519	2746	17265	49.98
10	5909	109	275	6293	592	3141	101	5979	6565	-1702	14990	0	14990	3080	18070	49.98
11	6026	224	264	6514	559	3111	132	6472	6472	-1827	14961	0	14961	3426	18387	49.98
12	5889	121	274	6284	542	3102	143	6699	6516	-1745	14842	0	14842	3477	18319	49.98
13	5719	44	253	6016	527	2907	144	6641	6686	-1760	14520	0	14520	3469	17989	49.96
14	5544	41	277	5862	505	2964	149	6436	6854	-1722	14612	0	14612	3406	18018	49.93
15	5487	212	273	5972	504	3219	138	6437	6881	-1767	14947	0	14947	3557	18504	49.91
16	5430	443	263	6136	666	3304	119	6437	6954	-1763	15416	0	15416	3581	18997	49.94
17	5336	647	279	6262	802	3321	79	6417	6613	-1756	15321	0	15321	3526	18847	49.93
18	5251	78	266	5595	1237	3147	30	6082	6281	-1661	14629	0	14629	3358	17987	49.95
19	5247	51	269	5567	1248	3016	5	5788	5764	-1591	14009	0	14009	3142	17151	49.98
20	5371	131	281	5783	1110	3080	0	5993	6359	-1502	14830	0	14830	3065	17895	49.91
21	5481	61	271	5813	1202	3334	0	6023	6086	-1446	14989	0	14989	2976	17965	49.94
22	5501	46	281	5828	1476	3349	0	6026	5791	-1522	14922	0	14922	2933	17855	49.96
23	5334	41	266	5641	1412	3150	0	6065	5771	-1611	14363	0	14363	3002	17365	49.98
24	5240	41	278	5559	1146	2913	0	5867	6291	-1596	14313	0	14313	3044	17357	49.97
MUs	130.88	2.67	6.41	139.96	24.54	73.77	1.14	143.32	146.81	-37.71	348.51	0.00	348.51	72.02	420.53	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 09/Jun/2016

Position as on 6.30 Hrs of 10/Jun/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	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Annual Maintenance Work.	
IPP	JSW (J) U2	300	01/06/2016	00.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
RGPPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
MSPGCL	Chandrapur Unit 9	500	08/05/2016	23:16	09/06/2016	20.16	Turbine Problem	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14:45		Continued.	No Consent to operate	
MSPGCL	Uran Unit 5	108	07/06/2016	12.39	10/06/2016	06.55	Gas shortage	
IPP	WPCL U-3	135	08/06/2016	02.00		Continued.	ESP Bag Filter Problem	
MSPGCL	Chandrapur Unit-8	500	08/06/2016	18.56	09/06/2016	12.35	Vibration Temp.High.	
MSPGCL	Khaparkhedha Unit 3	210	08/06/2016	23.50	10/06/2016	06.17	Boiler Tube Leakage	

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

Position as on 6.30 Hrs of 10/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	09/06/2016	09.31	09/06/2016	12.14	Generation Electrical Protection.	
MSPGCL	Chandrapur Unit 7	500	09/06/2016	12.49		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	09/06/2016	13.05	09/06/2016	18.31	Turbine Bearing Vibration High.	

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

Statement-VII

Position as on 6.30 Hrs of 10/Jun/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	08/06/2016	18.19	09/06/2016	07.35	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	08/06/2016	23.39	09/06/2016	07.28	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	09/06/2016	08.00	09/06/2016	06.14	PO	Diagnostic Testing Work of Line CVT.
Dhule Sar'Sarovar I	InterState	09/06/2016	18.15		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	09/06/2016	23.08		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	07/06/2016	19.35		Continued.	HT	To Control Bblr-Pdg Line Loading.
Warora -IEPL	IntraState	08/06/2016	15.15		Continued.	T	R Phase IVT Burst @ IEPL End.
Karad-Jaigad - I	IntraState	08/06/2016	15.39		Continued.	T	Distance Protection Operated(RFC & 16.40 Hra).
karad -kolhapur-II	IntraState	08/06/2016	16.52		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Taptitanda Waluj	IntraState	08/06/2016	20.17	09/06/2016	00.38	T	Distance Protection
Bhusawal-Aurangabad	IntraState	09/06/2016	00.47	09/06/2016	08.00	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/06/2016	01.07	09/06/2016	17.23	HT	Over Voltage
Warora -IEPL	IntraState	09/06/2016	08.35		Continued.	PO	Damaged Jumper Replacement Work.Line Maint.Work.
Koradi 2-IEPL	IntraState	09/06/2016	09.32	09/06/2016	21.30	PO	Line Stringing Work.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	09/06/2016	16.06	09/06/2016	19.13	EO	Jumper Tightening Work.
Lonikand 1 -Jejuri	IntraState	09/06/2016	17.55	09/06/2016	20.02	PO	Testing Work
Girwali-Solapur (Lamboti)	IntraState	09/06/2016	23.04	10/06/2016	07.04	T	Distance Protection,B Phase.
Kalwa - Kharghar	IntraState	10/06/2016	01.57		Continued.	T	Y Ph Wave Trap Insulator String Found Flashover.
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	06/06/2016	09.36		Continued.	PO	Bushing replacement
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	10/06/2016	01.55	10/06/2016	02.40	T	Y Ph Wave Trap Insulator String Found Flashover.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	09/06/2016	09.40		Continued.	PO	Outage.
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).
Hinganghat - Hinganghat Rly TSS 1	IntraState	07/06/2016	16.26	09/06/2016	15.38	T	Chattering Sound @ TSS End.
Kalwa - Borivali	IntraState	09/06/2016	00.09	09/06/2016	01.38	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Borivali(M)- Vasai	IntraState	09/06/2016	01.49	09/06/2016	05.06	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Tata Borivli MSETCL Borivli 5	IntraState	09/06/2016	01.51	09/06/2016	05.15	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Borivali - Ghodbunder	IntraState	09/06/2016	02.02	09/06/2016	05.05	PO	Attending Hot Spot on Bus Section-2 @ Borivali S/S.
Jejuri-Parvati	IntraState	09/06/2016	07.00		Continued.	PO	Pune Ringmain Re-Orientation Work.
Jejuri-Phursungi 2	IntraState	09/06/2016	07.00	09/06/2016	21.37	PO	Pune Ringmain Re-Orientation Work.
Yeotmal- Pusad	IntraState	09/06/2016	07.03	09/06/2016	15.31	PO	Replacement of Faulty String.
Tilawani-Talandge-I	IntraState	09/06/2016	09.21	09/06/2016	10.23	PO	Replacement of Wave Trap

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/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 10/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Jumper.
Miraj - Ichalkaranji II	IntraState	09/06/2016	09.23	09/06/2016	10.35	HT	To Control Load of Ichalkarnji/Tilwani
Pedambe-Nerle	IntraState	09/06/2016	13.42	09/06/2016	16.03	PO	Maintenance Work.
Apta - Hoc	IntraState	10/06/2016	04.30		Continued.	T	Y Phase PT Burst.
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-I @Girwali	IntraState	08/06/2016	20.04		Continued.	HT	Due to Rise in Bus Sectionalizer Current.
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	09/06/2016	06.32	09/06/2016	07.55	PO	Premansoon Maintenance Work.
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	09/06/2016	06.46	09/06/2016	08.02	PO	Premansoon Maintenance Work.
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	08/06/2016	18.08	09/06/2016	21.05	T	Distance Protection, Trip Again on Soft @ 02.38 Hrs dt 9.6.16.
Lalkhedi-Durgwada	IntraState	08/06/2016	20.30	09/06/2016	11.15	T	Distance Protection
Amravati-Lalkhedi	IntraState	09/06/2016	20.43	09/06/2016	21.07	T	Backup Protection
Akola-Midc Akola	IntraState	09/06/2016	20.43	09/06/2016	21.09	T	Backup Protection

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