

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jun/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.622	1329.212	1) Gujrat	-1.905	-51.876
2) Hydro	1.895	45.924	2) Madhya Pradesh	9.802	92.995
3) Gas	8.753	70.122	3) Chattisgarh	7.460	70.500
Total MSPGCL	127.270	1445.258	4) Maharashtra Net	116.365	1150.571
B) 1) APML	13.224	131.695	5) Goa (Amona)	-0.638	-8.042
2) JSWEL	19.478	198.521	6) TAPS 1&2 Injection	3.559	35.635
3) VIPL	11.175	120.201	7) RGPPL Injection	11.561	113.229
4) RPL(AMT)	19.216	190.406	8) Pench (MS)	0.030	0.625
5) WPCL	2.785	35.520	9) Pench (Excess)	-0.030	-0.625
6) Other IPP	4.732	45.929	Total	146.174	1402.387
C) 1) TPCL Thermal	15.857	162.525	a) Mumbai Schedule	29.149	283.412
2) TPCL Hydro	2.655	31.365	b) Mumbai Drawl	38.330	361.605
3) TPCL Gas	3.824	26.542	c) MSEDCL Bilateral *	34.192	371.703
4) R-INFRA Thermal	11.585	113.227	Include PX	0.000	20.500
D) STATE			d) Mumbai Bilateral *	29.149	283.412
1) Thermal	214.674	2327.236	Include PX	8.375	64.056
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	4.550	77.289	H) ENERGY CATERED (MUs)		
3) Gas	12.577	96.664	1) MSEDCL	334.042	3440.030
4) Wind	27.557	220.921	2) Mumbai Discoms	72.251	695.263
6) SOLAR	0.761	10.797	TOTAL STATE	406.293	4135.293
TOTAL STATE	260.119	2732.907			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5156	4868	4803	4873
MSPGCL Hydro	140	124	140	52
MSPGCL Gas	400	412	407	282
MSPGCL Total Generation	5696	5404	5350	5207
Central Sector Receipt	6032	6668	6419	5629
WIND	942	1046	1409	909
CPP / IPP	3362	2950	2843	2890
SOLAR	105	59	0	0
Exchange with Mumbai	-1786	-1773	-1574	-1388
MSEDCL DEMAND MET	14351	14354	14447	13247
Load Shedding	0	0	0	0
MSEDCL DEMAND	14351	14354	14447	13247
TPCL GENERATION	1199	1278	949	661
R-INFRA GENERATION	505	499	513	405
MUMBAI DEMAND	3490	3550	3036	2454
STATE DEMAND MET	17841	17904	17483	15701
STATE DEMAND	17841	17904	17483	15701
Frequency (Hz)	49.90	49.97	50.03	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 17:08 Hrs	49.73 Hz at 12:18 Hrs	49.99	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 10/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.13	32.87	145	118
Unit 6	0.00	0.00	0	0
Unit 7	3.70	37.62	160	140
Unit 8	11.44	126.73	525	405
Total	18.27	197.22		
Bhusawal				
Unit 2	3.34	30.14	145	135
Unit 3	3.88	39.11	165	160
Unit 4	3.14	94.90	355	0
Unit 5	9.02	101.67	500	355
Total	19.38	265.82		
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	4.04	40.54	188	159
Unit 4	4.21	42.36	188	165
Unit 5	9.63	77.47	450	360
Unit 6	9.75	98.33	451	360
Unit 7	0.00	84.29	0	0
Total	27.62	343.00		
Paras				
Unit 3	5.70	55.66	256	208
Unit 4	5.77	56.85	260	192
Total	11.47	112.51		
Khaparkheda				
Unit 1	3.61	34.04	165	130
Unit 2	3.84	38.14	170	135
Unit 3	2.76	36.15	190	0
Unit 4	4.39	36.71	190	174
Unit 5	10.84	106.95	500	360
Total	25.45	252.00		
Nasik				
Unit 3	4.00	41.57	170	165
Unit 4	4.07	41.98	176	160
Unit 5	4.01	41.96	174	164
Total	12.08	125.50		
Uran				
All Units	8.75	70.12	427	262
Total	8.75	70.12		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.03	0.62	17	0
Total	0.03	0.62		
Koyna				
Stage 1-2	1.14	15.76	95	40
Stage 4	0.00	9.31	0	0
Stage 3	0.28	6.14	80	0
Total	1.42	31.20		
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.	0.22	2.06	80	0
RNGR+BHTSA	0.23	1.49	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.03	0.33	2	1
GHATGHAR	0.00	7.08	0	0
Total	0.48	14.72		
Wind				
Total	27.56	220.92	0	0
Total	27.56	220.92		
CPP				
APML(Mus)	13.22	131.70	0	0
JSWEL(Mus)	19.48	198.52	0	0
VIPL(Mus)	11.18	120.20	0	0
RPLAMT(Mus)	19.22	190.41	0	0
WPCL(Mus)	2.78	35.52	0	0
Other(Mus)	4.73	45.93	0	0
Total	70.61	722.27		
SOLAR				
Total	0.76	10.80	0	0
Total	0.76	10.80		
Tata				
Trombay 5	10.20	105.81	485	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	15.50	115	89
Trombay 7B	1.43	11.04	65	56
Trombay 8	5.66	56.72	249	200
TATA Hydro	2.66	31.36	376	22
Total	22.34	220.43		
R-INFRA				
1-2	11.58	113.23	517	401
Total	11.58	113.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	2.34	14.80	MSPGCL Thermal	116.62	1329.21	MSPGCL Total	127.27	1445.26
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	125.38	1399.33	Koyna 1,2 & 4 Total	1.14	25.06
Koradi 9	0.00	18.36	MSPGCL Hydro	1.90	45.92	State Total	260.12	2732.91
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5099	52	262	5413	1420	2907	0	5939	6193	-1577	14356	0	14356	2976	17332	49.93
2	5023	52	281	5356	1261	3017	0	5886	5372	-1447	13559	0	13559	2707	16266	50.00
3	4867	62	281	5210	1118	2995	0	5707	5364	-1386	13301	0	13301	2587	15888	49.99
4	4873	52	282	5207	909	2890	0	5503	5629	-1388	13247	0	13247	2454	15701	49.97
5	4809	62	281	5152	853	2860	0	5462	5817	-1333	13349	0	13349	2398	15747	49.98
6	5073	67	281	5421	925	2864	0	5451	5765	-1340	13635	0	13635	2409	16044	49.99
7	5131	56	274	5461	1103	2888	5	5569	5511	-1286	13682	0	13682	2366	16048	50.00
8	5155	51	310	5516	1470	2910	27	5659	5325	-1361	13887	0	13887	2433	16320	50.02
9	5004	56	338	5398	1046	2810	67	5931	5797	-1713	13405	0	13405	2804	16209	49.97
10	5021	51	418	5490	924	2830	107	6103	6587	-1676	14262	0	14262	3095	17357	49.97
11	5167	137	401	5705	886	3225	126	6245	6154	-1705	14391	0	14391	3345	17736	49.95
12	5156	140	400	5696	942	3362	105	6261	6032	-1786	14351	0	14351	3490	17841	49.90
13	4779	113	410	5302	1020	3115	79	6276	6215	-1821	13910	0	13910	3504	17414	49.90
14	4565	55	410	5030	977	2995	80	6173	6390	-1710	13762	0	13762	3423	17185	49.96
15	4669	55	411	5135	966	2985	61	6344	6761	-1788	14120	0	14120	3536	17656	49.92
16	4868	124	412	5404	1046	2950	59	6374	6668	-1773	14354	0	14354	3550	17904	49.97
17	4843	76	402	5321	1115	3021	33	6308	6523	-1790	14223	0	14223	3509	17732	50.02
18	4485	105	414	5004	1193	2915	11	6022	6583	-1787	13919	0	13919	3318	17237	50.02
19	4493	65	415	4973	1554	2852	1	5934	5868	-1613	13635	0	13635	3134	16769	50.02
20	4469	69	416	4954	1468	2855	0	6302	6323	-1621	13979	0	13979	3076	17055	50.01
21	4803	140	407	5350	1409	2843	0	6293	6419	-1574	14447	0	14447	3036	17483	50.03
22	4804	65	415	5284	1328	2841	0	6231	6331	-1530	14254	0	14254	2978	17232	50.02
23	4759	55	405	5219	1320	2845	0	6117	6337	-1648	14073	0	14073	3038	17111	50.10
24	4707	135	427	5269	1304	2836	0	6070	6210	-1677	13942	0	13942	3085	17027	50.00
MUs	116.62	1.90	8.75	127.27	27.56	70.61	0.76	144.16	146.17	-38.33	334.04	0.00	334.04	72.25	406.29	49.99

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 10/Jun/2016

Position as on 6.30 Hrs of 11/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								
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	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	
RGPL	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.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
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	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	Khaparkheda Unit 3	210	08/06/2016	23.50	10/06/2016	06.17	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	09/06/2016	12.49		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	10/06/2016	09.00		Continued.	BTL	
MSPGCL	Chandrapur Unit-8	500	10/06/2016	12.38		Continued.	Due to Station T/F trip.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jun/2016

Position as on 6.30 Hrs of 11/Jun/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	11/06/2016	01.32	11/06/2016	06.02	132/11KV 25MVA T/F-1 Cought Fire At Deepnagr Ecr.	
MSPGCL	Bhusawal Unit 3	210	11/06/2016	01.32	11/06/2016	04.44	132/11KV 25MVA T/F-1 Cought Fire At Deepnagr Ecr.	
MSPGCL	Uran Unit B0	120	11/06/2016	02.25		Continued.	Generation Transfarmer Bucholzt Protection Tripped.	
MSPGCL	Uran Unit 8	108	11/06/2016	02.25		Continued.	Generation Transfarmer Bucholzt Protection Tripped.	
MSPGCL	Bhusawal Unit 3	210	11/06/2016	04.47		Continued.	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	10/06/2016	09.20	11/06/2016	01.03	PO	DC Bushing.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	09/06/2016	18.15	10/06/2016	10.35	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	09/06/2016	23.08	10/06/2016	11.49	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	10/06/2016	11.49		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	10/06/2016	17.21		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	07/06/2016	19.35		Continued.	HT	To Control Bblr-Pdg Line Loading.
Warora -IEPL	IntraState	08/06/2016	15.15	10/06/2016	16.11	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-Bableshtar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Warora -IEPL	IntraState	09/06/2016	08.35		Continued.	PO	Damaged Jumper Replacement Work.Line Maint.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	10/06/2016	11.52	T	Y Ph Wave Trap Insulator String Found Flashover.
Nagothane - Dabhol-II	IntraState	10/06/2016	12.15		Continued.	EO	Emergency outage (RFC at 17:20hrs)
Lonikand I - Koyna stage-IV	IntraState	10/06/2016	12.38	10/06/2016	19.23	PO	Line Maintenance work
Babhaleshtar - Padghe-II	IntraState	11/06/2016	05.41	11/06/2016	06.02	T	Tripped Only From Padgha End Air Succesful From Babhaleshtar End.
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).
Jejuri-Parvati	IntraState	09/06/2016	07.00		Continued.	PO	Pune Ringmain Re-Orientation Work.
Apta - Hoc	IntraState	10/06/2016	04.30	10/06/2016	08:00	T	Y Phase PT Burst.
Nagothane - Posco	IntraState	10/06/2016	10.55	10/06/2016	16.00	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-I @Girwali	IntraState	08/06/2016	20.04		Continued.	HT	Due to Rise in Bus Sectionaliser Current.
220/33kv 125 Mva Transformer 2 @Rel Borivali	IntraState	10/06/2016	09.23	10/06/2016	16.45	PO	Annual Maintenance Work
220/100 kv 200 MVA ICT II @Padghe	IntraState	10/06/2016	10.06	10/06/2016	12.51	PO	Pre Monsoon Maint.
132 KV LINE Outages/Trippings							

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 10/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Boisar Midc - Dahanu 1	IntraState	10/06/2016	09.15	10/06/2016	11.55	PO	R & M work.