

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.359	947.704	1) Gujrat	-3.273	-44.163
2) Hydro	3.044	37.333	2) Madhya Pradesh	10.136	62.022
3) Gas	6.557	48.872	3) Chattisgarh	7.360	48.860
Total MSPGCL	143.960	1033.909	4) Maharashtra Net	118.763	798.349
B) 1) APML	12.868	90.728	5) Goa (Amona)	-0.914	-6.240
2) JSWEL	19.316	138.693	6) TAPS 1&2 Injection	3.547	24.928
3) VIPL	11.411	83.608	7) RGPPL Injection	11.661	78.809
4) RPL(AMT)	18.527	129.310	8) Pench (MS)	0.019	0.429
5) WPCL	4.434	26.967	9) Pench (Excess)	-0.019	-0.429
6) Other IPP	4.830	32.588	Total	147.261	962.136
C) 1) TPCL Thermal	17.383	113.751	a) Mumbai Schedule	27.999	193.856
2) TPCL Hydro	3.572	21.391	b) Mumbai Drawl	37.014	247.707
3) TPCL Gas	2.168	17.798	c) MSEDCL Bilateral *	35.081	268.267
4) R-INFRA Thermal	11.110	78.839	Include PX	-0.011	20.500
D) STATE			d) Mumbai Bilateral *	27.999	193.856
1) Thermal	234.238	1642.188	Include PX	6.582	40.379
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.616	58.724	H) ENERGY CATERED (MUs)		
3) Gas	8.725	66.670	1) MSEDCL	348.195	2403.951
4) Wind	21.401	145.918	2) Mumbai Discoms	71.247	479.485
6) SOLAR	1.201	7.801	TOTAL STATE	419.442	2883.436
TOTAL STATE	272.181	1921.301			

* 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	5816	5985	5329	5165
MSPGCL Hydro	242	262	238	62
MSPGCL Gas	309	238	240	307
MSPGCL Total Generation	6367	6485	5807	5534
Central Sector Receipt	6935	6887	6667	5538
WIND	543	816	1282	417
CPP / IPP	2955	3096	2911	2878
SOLAR	154	105	0	0
Exchange with Mumbai	-1752	-1778	-1571	-1104
MSEDCL DEMAND MET	15202	15611	15096	13263
Load Shedding	0	0	0	0
MSEDCL DEMAND	15202	15611	15096	13263
TPCL GENERATION	1106	1263	947	824
R-INFRA GENERATION	488	485	514	401
MUMBAI DEMAND	3346	3526	3032	2329
STATE DEMAND MET	18548	19137	18128	15592
STATE DEMAND	18548	19137	18128	15592
Frequency (Hz)	50.00	49.93	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.04 Hrs	49.81 Hz at 15.50 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/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.18	22.90	145	125
Unit 6	0.00	0.00	0	0
Unit 7	3.73	26.23	165	140
Unit 8	13.46	90.43	660	480
Total	20.38	139.56		
Bhusawal				
Unit 2	3.42	20.12	150	135
Unit 3	3.89	27.32	165	160
Unit 4	9.66	70.63	500	350
Unit 5	9.76	71.09	505	355
Total	26.74	189.16		
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	4.41	27.72	197	165
Unit 4	4.30	29.57	185	160
Unit 5	10.16	47.25	455	365
Unit 6	9.75	68.20	455	358
Unit 7	10.03	69.28	448	367
Total	38.65	242.02		
Paras				
Unit 3	5.70	38.41	256	199
Unit 4	5.78	39.33	260	190
Total	11.48	77.75		
Khaparkheda				
Unit 1	3.79	23.58	170	140
Unit 2	4.00	26.82	175	160
Unit 3	4.17	29.27	194	162
Unit 4	1.88	27.66	174	0
Unit 5	10.75	75.62	500	365
Total	24.60	182.94		
Nasik				
Unit 3	4.00	29.22	170	160
Unit 4	4.07	29.48	175	165
Unit 5	4.01	29.52	172	162
Total	12.08	88.21		
Uran				
All Units	6.56	48.87	314	226
Total	6.56	48.87		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	0.43	19	0
Total	0.02	0.43		
Koyna				
Stage 1-2	1.08	12.19	60	40
Stage 4	0.00	8.41	0	0
Stage 3	0.06	5.13	64	0
Total	1.15	25.73		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.24	2.00	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.46	80	0
RNGR+BHTSA	0.00	1.05	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	0.25	2	2
GHATGHAR	1.46	5.47	240	0
Total	1.90	11.60		
Wind				
Total	21.40	145.92	0	0
Total	21.40	145.92		
CPP				
APML(Mus)	12.87	90.73	0	0
JSWEL(Mus)	19.32	138.69	0	0
VIPL(Mus)	11.41	83.61	0	0
RPLAMT(Mus)	18.53	129.31	0	0
WPCL(Mus)	4.43	26.97	0	0
Other(Mus)	4.83	32.59	0	0
Total	71.39	501.89		
SOLAR				
Total	1.20	7.80	0	0
Total	1.20	7.80		
Tata				
Trombay 5	11.44	74.12	487	429
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	10.30	52	49
Trombay 7B	0.97	7.50	43	39
Trombay 8	5.94	39.63	250	243
TATA Hydro	3.57	21.39	443	0
Total	23.12	152.94		
R-INFRA				
1-2	11.11	78.84	514	401
Total	11.11	78.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.44	9.70	MSPGCL Thermal	134.36	947.70	MSPGCL Total	143.96	1033.91
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	140.92	996.58	Koyna 1,2 & 4 Total	1.08	20.60
Koradi 9	0.00	18.36	MSPGCL Hydro	3.04	37.33	State Total	272.18	1921.30
Parli 8	0.00	0.00						

Hourly Load Data As on 07/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	5906	42	308	6256	1198	3148	0	5866	5194	-1658	14138	0	14138	2886	17024	49.96
2	5441	42	304	5787	1174	3026	0	5808	5375	-1448	13914	0	13914	2664	16578	49.99
3	5175	47	308	5530	819	2886	0	5466	5517	-1275	13477	0	13477	2486	15963	49.96
4	5182	47	308	5537	571	2880	0	5362	5558	-1159	13388	0	13388	2384	15772	49.93
5	5165	62	307	5534	417	2878	0	5392	5538	-1104	13263	0	13263	2329	15592	49.98
6	5160	42	309	5511	370	2892	0	5357	5916	-1115	13574	0	13574	2344	15918	50.00
7	5391	47	295	5733	378	2930	12	5377	5758	-1046	13765	0	13765	2263	16028	50.00
8	5716	57	298	6071	510	2924	37	5549	5794	-1188	14148	0	14148	2360	16508	49.99
9	5767	52	306	6125	606	2943	70	5892	6052	-1506	14290	0	14290	2688	16978	49.98
10	5884	79	314	6277	633	2947	118	6174	6605	-1776	14804	0	14804	3095	17899	49.99
11	5816	242	309	6367	543	2955	154	6224	6935	-1752	15202	0	15202	3346	18548	50.00
12	5938	254	278	6470	627	3054	149	6432	6335	-1709	14926	0	14926	3459	18385	49.99
13	5955	90	255	6300	657	3102	172	6449	6389	-1770	14850	0	14850	3471	18321	50.00
14	5981	57	253	6291	820	3086	162	6349	6602	-1730	15231	0	15231	3385	18616	49.98
15	5973	142	229	6344	746	3097	131	6476	6724	-1797	15245	0	15245	3523	18768	49.98
16	5985	262	238	6485	816	3096	105	6498	6887	-1778	15611	0	15611	3526	19137	49.93
17	6003	350	226	6579	1008	3094	62	6262	6367	-1780	15330	0	15330	3505	18835	49.99
18	5740	157	243	6140	1236	2955	24	5772	6030	-1725	14660	0	14660	3313	17973	50.00
19	5354	102	251	5707	1449	2878	5	5602	5882	-1636	14285	0	14285	3111	17396	50.04
20	5263	117	248	5628	1488	2899	0	5979	6306	-1519	14802	0	14802	3030	17832	49.97
21	5329	238	240	5807	1282	2911	0	5984	6667	-1571	15096	0	15096	3032	18128	49.96
22	5429	172	239	5840	1284	2909	0	5996	6302	-1617	14718	0	14718	2965	17683	49.99
23	5410	177	240	5827	1426	2956	0	5939	6368	-1671	14906	0	14906	3013	17919	49.90
24	5396	167	251	5814	1343	2940	0	5855	6160	-1684	14573	0	14573	3069	17642	49.97
MUs	134.36	3.04	6.56	143.96	21.40	71.39	1.20	142.06	147.26	-37.01	348.20	0.00	348.20	71.25	419.44	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/Jun/2016

Position as on 6.30 Hrs of 08/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		Continued.	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	Chandrapur Unit-8	500	04/06/2016	13.00	07/06/2016	15.52	Due To Main Steam Temperature Very Low.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14:45		Continued.	No Consent to operate	
MSPGCL	Khaparkheda Unit 4	210	07/06/2016	11.21		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	07/06/2016	12.39		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	07/06/2016	19.04	08/06/2016	05.18	Motor Driven Boiler pump Temp.High	

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

Position as on 6.30 Hrs of 08/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	WPCL U-3	135	08/06/2016	02.00		Continued.	ESP Bag Filter Problem	
MSPGCL	Chandrapur Unit-8	500	08/06/2016	05.38		Continued.	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2016

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							
Ektuni - Akola II Ckt I	IntraState	07/06/2016	15.26	07/06/2016	22.29	T	L/R B Phase PRV Maloperated
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	06/06/2016	17.52	07/06/2016	07.22	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/06/2016	01.41	07/06/2016	07.23	T	Over Voltage
Dhule Sar'Sarovar I	InterState	07/06/2016	18.01		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
karad -kolhapur-II	IntraState	04/06/2016	16.06	07/06/2016	09.18	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/06/2016	17.06	07/06/2016	09.26	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/06/2016	21.21	07/06/2016	09.34	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	07/06/2016	02.01	07/06/2016	07.47	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/06/2016	07.11	07/06/2016	19.38	HT	Repl.of String and maint.work
Chandrapur-II - Nanded	IntraState	07/06/2016	12.47	07/06/2016	14.39	T	Over Voltage
karad -kolhapur-I	IntraState	07/06/2016	15.54		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	07/06/2016	16.49		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/06/2016	17.55		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/06/2016	05.08		Continued.	HT	Over Voltage
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 @Akola	IntraState	06/06/2016	23.16	07/06/2016	01.50	T	NDR Operated
400/220kv 315 Mva ICT III @Karad	IntraState	07/06/2016	10.15	07/06/2016	13.50	EO	To attend Hot Spot
400/220KV 500MVA ICT-I @Nanded	IntraState	07/06/2016	12.47	07/06/2016	17.21	T	NDR Operated
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
Tillari Amona	InterState	06/06/2016	18.31	07/06/2016	10.26	T	Distance Protection
Mahalakshmi Amona	InterState	07/06/2016	01.45	07/06/2016	02.53	T	Distance Protection
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).
Kalmeshwar-Pandhurna	IntraState	06/06/2016	15.56	07/06/2016	01.07	T	Distance Protection
Talandage - Sawantwadi I	IntraState	07/06/2016	09.46	07/06/2016	14.46	PO	Line Maintenance work
Wpcl-Warora 2	IntraState	07/06/2016	10.00	07/06/2016	13.10	EO	To attend Hot Spot
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	07/06/2016	10.16	07/06/2016	18.05	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)
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	07/06/2016	09.17	07/06/2016	13.41	PO	Tan Delta of HV Bushing
220/100 kv 200 MVA ICT II @Padghe	IntraState	07/06/2016	11.56	07/06/2016	14.05	PO	Premansoon maint.work
220/66 Kv 150 Mva Ngef Ict 1	IntraState	07/06/2016	14.45	07/06/2016	16.40	PO	Tan Delta Measurment of CTs

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/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Gadchandur							