

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jun/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.928	2184.791	1) Gujrat	-4.924	-67.102
2) Hydro	2.543	67.428	2) Madhya Pradesh	8.329	165.820
3) Gas	8.316	137.801	3) Chattisgarh	7.210	120.260
Total MSPGCL	138.787	2390.020	4) Maharashtra Net	103.125	1860.998
B) 1) APML	12.267	213.276	5) Goa (Amona)	-0.660	-12.728
2) JSWEL	20.583	336.824	6) TAPS 1&2 Injection	3.688	60.757
3) VIPL	12.390	194.970	7) RGPPL Injection	11.605	193.483
4) RPL(AMT)	19.172	320.440	8) Pench (MS)	0.000	0.821
5) WPCL	4.208	63.481	9) Pench (Excess)	0.000	-0.821
6) Other IPP	5.071	79.014	Total	128.373	2320.667
C) 1) TPCL Thermal	16.637	278.863	a) Mumbai Schedule	26.945	463.494
2) TPCL Hydro	2.766	48.212	b) Mumbai Drawl	36.049	596.888
3) TPCL Gas	3.883	54.918	c) MSEDCL Bilateral *	32.328	624.455
4) R-INFRA Thermal	11.726	193.969	Include PX	-3.401	14.423
D) STATE			d) Mumbai Bilateral *	26.945	463.494
1) Thermal	229.982	3865.628	Include PX	6.948	110.923
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.309	115.640	H) ENERGY CATERED (MUs)		
3) Gas	12.199	192.719	1) MSEDCL	345.755	5856.896
4) Wind	39.782	516.593	2) Mumbai Discoms	71.061	1172.846
6) SOLAR	1.171	18.499	TOTAL STATE	416.816	7029.742
TOTAL STATE	288.443	4709.079			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4953	5218	4961	4955
MSPGCL Hydro	130	194	81	156
MSPGCL Gas	415	400	0	0
MSPGCL Total Generation	5498	5812	5042	5111
Central Sector Receipt	6234	6199	5199	5118
WIND	1603	1355	2205	1773
CPP / IPP	2846	2876	2928	3100
SOLAR	145	171	0	0
Exchange with Mumbai	-1664	-1670	-1497	-1655
MSEDCL DEMAND MET	14662	14743	13877	13447
Load Shedding	0	0	0	0
MSEDCL DEMAND	14662	14743	13877	13447
TPCL GENERATION	1196	1257	999	876
R-INFRA GENERATION	499	510	513	511
MUMBAI DEMAND	3359	3437	3009	3042
STATE DEMAND MET	18022	18180	16886	16489
STATE DEMAND	18022	18180	16886	16489
Frequency (Hz)	49.94	49.93	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:03 Hrs	49.67 Hz at 19:44 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 17/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.00	55.90	140	0
Unit 6	0.00	0.00	0	0
Unit 7	3.66	63.63	171	130
Unit 8	7.50	196.84	357	250
Total	14.17	316.38		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	4.02	65.51	175	165
Unit 4	9.31	132.36	490	350
Unit 5	9.42	163.61	500	350
Total	22.75	403.62		
Parli				
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 3	4.37	54.06	200	164
Unit 4	4.24	71.40	189	164
Unit 5	9.93	143.38	450	365
Unit 6	10.02	164.68	455	360
Unit 7	9.42	144.22	423	342
Unit 8	6.82	43.57	393	0
Total	44.79	621.31		
Paras				
Unit 3	5.60	93.37	256	208
Unit 4	5.58	93.97	251	191
Total	11.18	187.35		
Khaparkheda				
Unit 1	3.76	59.49	165	145
Unit 2	3.92	64.39	175	150
Unit 3	4.20	64.53	190	155
Unit 4	4.32	65.46	191	163
Unit 5	10.75	180.04	500	370
Total	26.96	433.91		
Nasik				
Unit 3	0.00	60.44	0	0
Unit 4	4.00	70.64	181	160
Unit 5	4.07	71.40	192	162
Total	8.07	202.48		
Uran				
All Units	8.32	137.80	431	399
Total	8.32	137.80		
PENCH (MS)				
Pench (MS)	0.00	0.82	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.82		
Koyna				
Stage 1-2	1.01	24.74	50	40
Stage 4	0.00	9.31	0	0
Stage 3	0.00	9.31	0	0
Total	1.01	43.36		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.56	0.72	61	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.13	80	0
RNGR+BHTSA	0.21	2.73	9	8
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	0.54	1	0
GHATGHAR	0.59	13.36	252	0
Total	1.53	24.06		
Wind				
Total	39.78	516.59	0	0
Total	39.78	516.59		
CPP				
APML(Mus)	12.27	213.28	0	0
JSWEL(Mus)	20.58	336.82	0	0
VIPL(Mus)	12.39	194.97	0	0
RPLAMT(Mus)	19.17	320.44	0	0
WPCL(Mus)	4.21	63.48	0	0
Other(Mus)	5.07	79.01	0	0
Total	73.69	1208.00		
SOLAR				
Total	1.17	18.50	0	0
Total	1.17	18.50		
Tata				
Trombay 5	10.74	181.61	488	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	33.45	115	79
Trombay 7B	1.45	21.47	65	53
Trombay 8	5.90	97.26	249	233
TATA Hydro	2.77	48.21	414	2
Total	23.29	381.99		
R-INFRA				
1-2	11.73	193.97	514	402
Total	11.73	193.97		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.37	MSPGCL Thermal	127.93	2184.79	MSPGCL Total	138.79	2390.02
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	136.24	2322.59	Koyna 1,2 & 4 Total	1.01	34.05
Parli 8	0.00	0.00	MSPGCL Hydro	2.54	67.43	State Total	288.44	4709.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5433	49	419	5901	1603	3198	0	5310	5774	-1519	14957	0	14957	2892	17849	49.90
2	5376	48	421	5845	1624	3178	0	5252	5380	-1321	14706	0	14706	2666	17372	49.99
3	5305	54	421	5780	1524	3182	0	5158	5211	-1239	14458	0	14458	2499	16957	49.93
4	5433	54	421	5908	1519	3174	0	5070	5213	-1173	14641	0	14641	2392	17033	49.99
5	5439	55	431	5925	1574	3178	0	5049	5274	-1218	14733	0	14733	2323	17056	49.98
6	5501	49	411	5961	1515	3244	0	5079	5414	-1215	14919	0	14919	2342	17261	49.96
7	5691	50	431	6172	1419	3464	5	5159	5304	-1089	15275	0	15275	2302	17577	49.95
8	5764	59	416	6239	1589	3432	30	5310	5142	-1077	15355	0	15355	2399	17754	49.98
9	5484	50	415	5949	1901	3156	71	5582	5577	-1393	15261	0	15261	2697	17958	49.98
10	5352	59	417	5828	1728	2885	106	5898	6078	-1791	14834	0	14834	3149	17983	49.99
11	4953	130	415	5498	1603	2846	145	5885	6234	-1664	14662	0	14662	3359	18022	49.94
12	5032	157	424	5613	1456	2865	161	5714	6029	-1603	14521	0	14521	3432	17953	49.85
13	5218	194	400	5812	1355	2876	171	5702	6199	-1670	14743	0	14743	3437	18180	49.93
14	5720	362	399	6481	1254	3020	149	5572	5269	-1638	14535	0	14535	3355	17890	49.99
15	5777	236	415	6428	1229	3091	106	5843	5532	-1712	14674	0	14674	3453	18127	50.00
16	5694	134	414	6242	1408	3136	114	5943	5471	-1780	14591	0	14591	3483	18074	50.00
17	5578	111	414	6103	1688	3056	72	5521	5222	-1760	14380	0	14380	3438	17818	49.98
18	5232	115	404	5751	1833	2928	34	5194	4624	-1701	13469	0	13469	3307	16776	50.00
19	5074	121	414	5609	2146	2934	7	4756	4307	-1628	13375	0	13375	3085	16460	49.98
20	4974	115	414	5503	1932	2943	0	5333	4657	-1579	13456	0	13456	3033	16489	49.82
21	4961	81	0	5042	2205	2928	0	5333	5199	-1497	13877	0	13877	3009	16886	49.96
22	4934	49	0	4983	2015	2928	0	4942	4973	-1524	13376	0	13376	2972	16348	49.94
23	5048	55	0	5103	1889	2949	0	4468	5172	-1603	13510	0	13510	2995	16505	49.98
24	4955	156	0	5111	1773	3100	0	5486	5118	-1655	13447	0	13447	3042	16489	49.98
MUs	127.93	2.54	8.32	138.79	39.78	73.69	1.17	128.56	128.37	-36.05	345.76	0.00	345.76	71.06	416.82	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 17/Jun/2016

Position as on 6.30 Hrs of 18/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	18/06/2016	04.27	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	
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 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	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13		Continued.	Low furnace pressure	
RGPL	Dabhol 2A	230	12/06/2016	19.58		Continued.	Combustion Chamber problem	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	15/06/2016	10.00	18/06/2016	05.10	Boiler Validity Extension.	
MSPGCL	Koradi Unit 5	200	17/06/2016	22.35		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	17/06/2016	22.39		Continued.	Condensor vaccum low protection.	
MSPGCL	Koradi Unit-8	660	18/06/2016	06.23		Continued.	CHP coal feeding problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jun/2016

Position as on 6.30 Hrs of 18/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-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 18/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							
Akola II- Ektuni (A'bad)	IntraState	18/06/2016	01.17	18/06/2016	01.17	T	A/R Successful From Both Ends.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	14/06/2016	17.28	17/06/2016	06.38	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	17/06/2016	00.51	17/06/2016	06.38	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/06/2016	18.48		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Ektuni-Bableshwar ckt I	IntraState	14/06/2016	10.10		Continued.	PO	Jumper Nut Bolts Tightening.(RFC @ 14.35 Hrs).
Karad - Jaigad - II	IntraState	15/06/2016	16.28	17/06/2016	09.32	HT	Over Voltage
Karad - Lonikand 1	IntraState	16/06/2016	09.00	17/06/2016	07.24	PO	Bay and Line Maint.work (RFC at 15:10hrs)
karad -kolhapur-I	IntraState	16/06/2016	16.10		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/06/2016	17.32	17/06/2016	09.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/06/2016	08.04	17/06/2016	19.53	PO	Old Insulator Replacement Work
Kalwa - Kharghar	IntraState	17/06/2016	13.08	17/06/2016	16.23	PO	For Replacement of R-Phase wave trap Jumper replacement work.
Karad-Jaigad - I	IntraState	17/06/2016	16.42		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/06/2016	18.15		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	17/06/2016	09.28	17/06/2016	18.35	PO	Quarterly Maintenance & Testing Work.
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	17/06/2016	13.56	17/06/2016	17.25	PO	Pre Monsoon Maint.
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	18/06/2016	04.17	18/06/2016	04.48	T	A/R Successful From Nasik End Only, Line Tripped Only From Navsari End Only.
Nasik Navsari II	InterState	18/06/2016	05.12		Continued.	T	Distance Protection
Nasik Navsari I	InterState	18/06/2016	06.40		Continued.	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).
Jejuri-Parvati	IntraState	09/06/2016	07.00		Continued.	PO	Pune Ringmain Re-Orientation Work.
Shivajinagar - Satana	IntraState	15/06/2016	16.22	17/06/2016	11.16	T	Distance Protection
Kalwa-TIFIL	IntraState	17/06/2016	10.01	17/06/2016	15.30	PO	R-Phase LA Replacement Work.
Padghe - Kamba	IntraState	17/06/2016	10.34	17/06/2016	16.36	PO	Attending Hot Spot
Kandalgaon - Pirangut	IntraState	18/06/2016	03.55		Continued.	HT	A/R Operated More Than 6 Time.
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 Cgl Ict 1 @Boisar-Ii	IntraState	17/06/2016	08.12	17/06/2016	09.02	HT	Poythine Paper Rapping.

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