

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jun/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.442	3343.000	1) Gujrat	-8.865	-127.898
2) Hydro	2.997	105.296	2) Madhya Pradesh	7.698	262.254
3) Gas	6.585	227.154	3) Chattisgarh	7.030	192.250
Total MSPGCL	131.024	3675.450	4) Maharashtra Net	87.408	2838.553
B) 1) APML	11.954	340.322	5) Goa (Amona)	-0.752	-19.054
2) JSWEL	20.349	538.000	6) TAPS 1&2 Injection	3.669	97.677
3) VIPL	10.662	312.083	7) RGPPL Injection	11.641	310.368
4) RPL(AMT)	13.918	471.059	8) Pench (MS)	0.101	1.966
5) WPCL	4.409	105.346	9) Pench (Excess)	-0.101	-1.966
6) Other IPP	4.130	120.405	Total	107.728	3552.184
C) 1) TPCL Thermal	13.325	427.132	a) Mumbai Schedule	18.646	692.775
2) TPCL Hydro	0.941	63.120	b) Mumbai Drawl	28.192	874.318
3) TPCL Gas	3.910	95.241	c) MSEDCL Bilateral *	33.384	969.814
4) R-INFRA Thermal	9.983	301.760	Include PX	-1.618	8.992
D) STATE			d) Mumbai Bilateral *	18.646	692.775
1) Thermal	210.172	5959.107	Include PX	1.657	142.688
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	3.938	168.416	H) ENERGY CATERED (MUs)		
3) Gas	10.495	322.395	1) MSEDCL	310.075	9041.661
4) Wind	33.133	774.120	2) Mumbai Discoms	56.351	1761.597
6) SOLAR	0.960	27.010	TOTAL STATE	366.426	10803.258
TOTAL STATE	258.698	7251.048			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5543	5065	5056	4787
MSPGCL Hydro	187	82	193	53
MSPGCL Gas	233	247	235	356
MSPGCL Total Generation	5963	5394	5484	5196
Central Sector Receipt	4716	4778	5382	3376
WIND	1562	1277	1257	1177
CPP / IPP	2912	2747	2726	2572
SOLAR	105	101	0	0
Exchange with Mumbai	-1475	-1352	-1467	-580
MSEDCL DEMAND MET	13783	12945	13382	11742
Load Shedding	0	0	0	0
MSEDCL DEMAND	13783	12945	13382	11742
TPCL GENERATION	923	1057	745	670
R-INFRA GENERATION	499	510	402	402
MUMBAI DEMAND	2897	2919	2614	1652
STATE DEMAND MET	16680	15864	15996	13394
STATE DEMAND	16680	15864	15996	13394
Frequency (Hz)	49.95	49.95	49.90	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.01 Hrs	49.71 Hz at 19.12 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 27/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.99	69.91	130	115
Unit 6	0.00	0.00	0	0
Unit 7	3.52	97.06	155	135
Unit 8	11.30	305.43	538	387
Total	17.81	472.40		
Bhusawal				
Unit 2	0.00	42.14	0	0
Unit 3	3.93	104.40	165	160
Unit 4	9.06	226.48	470	365
Unit 5	8.95	259.47	450	355
Total	21.94	632.50		
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	3.86	96.64	184	141
Unit 4	3.88	113.05	181	153
Unit 5	8.95	237.68	410	360
Unit 6	9.28	261.38	450	360
Unit 7	9.03	237.23	450	347
Unit 8	6.34	50.26	367	121
Total	41.34	996.24		
Paras				
Unit 3	5.10	147.62	255	190
Unit 4	5.24	144.48	254	191
Total	10.34	292.10		
Khaparkheda				
Unit 1	0.00	88.32	0	0
Unit 2	3.89	102.92	170	150
Unit 3	3.99	106.88	190	160
Unit 4	3.93	105.46	175	158
Unit 5	10.18	240.83	500	390
Total	21.99	644.42		
Nasik				
Unit 3	4.02	99.44	170	160
Unit 4	0.00	74.62	0	0
Unit 5	4.01	111.54	171	162
Total	8.03	285.60		
Uran				
All Units	6.58	227.15	362	233
Total	6.58	227.15		
PENCH (MS)				
Pench (MS)	0.10	1.97	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.97		
Koyna				
Stage 1-2	1.05	36.54	55	40
Stage 4	0.00	11.70	0	0
Stage 3	0.34	13.44	80	0
Total	1.39	61.69		
Hydro				
KDPH	0.20	1.42	9	8
VTRNA	0.79	7.87	59	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	4.29	80	0
RNGR+BHTSA	0.00	3.85	0	0
BHANDARDRA	0.00	0.11	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.58	0	0
GHATGHAR	0.50	23.10	125	0
Total	1.60	43.61		
Wind				
Total	33.13	774.12	0	0
Total	33.13	774.12		
CPP				
APML(Mus)	11.95	340.32	0	0
JSWEL(Mus)	20.35	538.00	0	0
VIPL(Mus)	10.66	312.08	0	0
RPLAMT(Mus)	13.92	471.06	0	0
WPCL(Mus)	4.41	105.35	0	0
Other(Mus)	4.13	120.40	0	0
Total	65.42	1887.22		
SOLAR				
Total	0.96	27.01	0	0
Total	0.96	27.01		
Tata				
Trombay 5	8.28	278.10	489	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.46	59.00	115	92
Trombay 7B	1.45	36.24	64	57
Trombay 8	5.04	149.03	247	200
TATA Hydro	0.94	63.12	152	0
Total	18.18	585.49		
R-INFRA				
1-2	9.98	301.76	510	401
Total	9.98	301.76		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.37
Koradi 9	0.00	18.36
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.44	3343.00
MSPGCL Thml+Gas	128.03	3570.15
MSPGCL Hydro	3.00	105.30

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	131.02	3675.45
Koyna 1,2 & 4 Total	1.05	48.24
State Total	258.70	7251.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4877	107	353	5337	1092	2719	0	4640	4025	-798	12375	0	12375	1871	14246	49.97
2	4781	63	346	5190	1143	2654	0	4111	3813	-652	12148	0	12148	1726	13874	49.96
3	4787	53	356	5196	1177	2572	0	3450	3376	-580	11742	0	11742	1652	13394	49.96
4	4826	48	344	5218	1335	2575	0	3392	3520	-548	12100	0	12100	1621	13721	49.98
5	4863	58	350	5271	1270	2568	0	3446	3784	-556	12337	0	12337	1627	13964	49.98
6	4883	53	362	5298	1478	2578	0	3660	4109	-663	12800	0	12800	1733	14533	50.00
7	4888	53	307	5248	1498	2672	6	4036	4698	-769	13353	0	13353	1838	15191	49.97
8	4869	80	251	5200	1538	2688	34	4544	5088	-971	13577	0	13577	2040	15617	50.01
9	4850	107	251	5208	1503	2708	79	4958	5294	-1277	13514	0	13514	2346	15860	50.02
10	5152	125	242	5519	1505	2734	109	5135	5375	-1595	13646	0	13646	2718	16364	49.96
11	5543	187	233	5963	1562	2912	105	5204	4716	-1475	13783	0	13783	2897	16680	49.95
12	5443	139	238	5820	1354	2875	94	5324	4902	-1406	13639	0	13639	2951	16590	49.97
13	5065	82	247	5394	1277	2747	101	5254	4778	-1352	12945	0	12945	2919	15864	49.95
14	5099	49	250	5398	1315	2715	121	5045	4978	-1464	13063	0	13063	2773	15836	50.00
15	5043	124	238	5405	1384	2698	111	4899	4935	-1618	12915	0	12915	2792	15707	49.98
16	5015	184	246	5445	1557	2702	112	4917	4850	-1664	13002	0	13002	2779	15780	50.01
17	5079	112	258	5449	1689	2705	54	4709	4288	-1636	12549	0	12549	2765	15314	49.95
18	5008	113	237	5358	1988	2706	29	3804	3850	-1570	12361	0	12361	2694	15055	49.96
19	5027	132	246	5405	1566	2709	5	3735	4111	-1433	12363	0	12363	2626	14989	49.95
20	5056	193	235	5484	1257	2726	0	4771	5382	-1467	13382	0	13382	2614	15996	49.90
21	5172	270	239	5681	1185	2722	0	4754	5159	-1335	13412	0	13412	2532	15944	49.95
22	5413	318	250	5981	1259	2818	0	4399	4632	-1262	13428	0	13428	2423	15851	49.97
23	5405	235	259	5899	1148	2966	0	4826	3986	-1064	12935	0	12935	2286	15221	49.97
24	5298	112	247	5657	1053	2956	0	4727	4079	-1037	12708	0	12708	2128	14836	49.95
MUs	121.44	3.00	6.58	131.02	33.13	65.42	0.96	107.74	107.73	-28.19	310.07	0.00	310.07	56.35	366.43	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 27/Jun/2016

Position as on 6.30 Hrs of 28/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) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
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	
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 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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Jun/2016

Position as on 6.30 Hrs of 28/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43		Continued.	Maintenance work	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 28/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	23/06/2016	17.36	27/06/2016	06.59	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	26/06/2016	16.36	27/06/2016	10.08	HT	Over Voltage
Dabhol Newkoyna li	InterState	27/06/2016	09.26		Continued.	PO	Maint.work(RFC 19.33Hrs)
Kolhapur Solapur (PG) II	InterState	27/06/2016	12.32		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/06/2016	20.34		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	21/06/2016	16.51		Continued.	HT	To Control Load on Padgha-BBLSR Line
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/06/2016	17.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	26/06/2016	02.03	27/06/2016	06.30	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/06/2016	21.53	27/06/2016	07.40	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/06/2016	20.35		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	27/06/2016	11.05	27/06/2016	19.30	PO	SFRA Test of ICT
220 KV LINE Outages/Trippings							
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).
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Kalwa - Mulund 1	IntraState	26/06/2016	07.32	27/06/2016	15.21	HT	Bay strengthing work at Kalwa end
Pophli Pedhmbe Line- 1	IntraState	27/06/2016	08.20	27/06/2016	09.20	PO	Line Maintenance work
Lamboti-Vita	IntraState	27/06/2016	15.01	27/06/2016	15.41	T	Distance Protection
Wardha-Yeotmal	IntraState	27/06/2016	19.20		Continued.	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Hinganghat-Ismt-Ckt1	IntraState	27/06/2016	17.06	27/06/2016	17.53	T	Distance Protection
Himayatnagar -Kinwat	IntraState	27/06/2016	20.25	27/06/2016	20.49	T	Distance Protection

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