

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jun/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.914	813.345	1) Gujrat	-5.499	-40.890
2) Hydro	3.033	34.289	2) Madhya Pradesh	6.421	51.886
3) Gas	9.922	42.315	3) Chattisgarh	6.550	41.500
Total MSPGCL	151.869	889.949	4) Maharashtra Net	105.544	679.586
B) 1) APML	12.991	77.860	5) Goa (Amona)	-0.738	-5.326
2) JSWEL	18.570	119.377	6) TAPS 1&2 Injection	3.564	21.381
3) VIPL	12.552	72.197	7) RGPPL Injection	11.592	67.148
4) RPL(AMT)	17.886	110.783	8) Pench (MS)	0.000	0.410
5) WPCL	4.528	22.533	9) Pench (Excess)	0.000	-0.410
6) Other IPP	4.968	27.758	Total	127.434	814.875
C) 1) TPCL Thermal	16.030	96.368	a) Mumbai Schedule	28.257	165.857
2) TPCL Hydro	3.055	17.819	b) Mumbai Drawl	34.949	210.693
3) TPCL Gas	4.219	15.630	c) MSEDCL Bilateral *	31.748	233.186
4) R-INFRA Thermal	10.974	67.729	Include PX	-3.007	20.511
D) STATE			d) Mumbai Bilateral *	28.257	165.857
1) Thermal	237.413	1407.950	Include PX	4.662	33.797
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.088	52.108	H) ENERGY CATERED (MUs)		
3) Gas	14.141	57.945	1) MSEDCL	333.945	2055.756
4) Wind	17.337	124.517	2) Mumbai Discoms	69.227	408.238
6) SOLAR	0.759	6.600	TOTAL STATE	403.172	2463.994
TOTAL STATE	275.738	1649.120			

* 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 5 Hrs
MSPGCL Thermal	5852	5951	6000	5814
MSPGCL Hydro	150	211	53	98
MSPGCL Gas	416	410	417	422
MSPGCL Total Generation	6418	6572	6470	6334
Central Sector Receipt	6022	5806	5651	4038
WIND	804	828	1023	207
CPP / IPP	2886	3011	2997	3107
SOLAR	99	64	0	0
Exchange with Mumbai	-1632	-1621	-1267	-1157
MSEDCL DEMAND MET	14597	14660	14874	12529
Load Shedding	0	0	0	0
MSEDCL DEMAND	14597	14660	14874	12529
TPCL GENERATION	1261	1232	1122	696
R-INFRA GENERATION	497	509	513	403
MUMBAI DEMAND	3390	3362	2902	2256
STATE DEMAND MET	17987	18022	17776	14785
STATE DEMAND	17987	18022	17776	14785
Frequency (Hz)	49.97	49.95	49.94	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 05.05 Hrs	49.8 Hz at 19.20 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 06/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.20	19.71	145	120
Unit 6	0.00	0.00	0	0
Unit 7	3.60	22.50	175	140
Unit 8	13.43	76.97	663	331
Total	20.22	119.18		
Bhusawal				
Unit 2	3.41	16.70	150	135
Unit 3	3.96	23.43	170	160
Unit 4	10.00	60.98	500	350
Unit 5	9.98	61.32	505	355
Total	27.35	162.42		
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	4.45	23.31	196	170
Unit 4	4.33	25.27	185	162
Unit 5	10.37	37.09	450	366
Unit 6	10.58	58.44	465	384
Unit 7	10.28	59.26	445	365
Total	40.01	203.37		
Paras				
Unit 3	5.69	32.72	248	214
Unit 4	5.85	33.55	257	193
Total	11.54	66.27		
Khaparkheda				
Unit 1	3.70	19.79	160	140
Unit 2	3.98	22.82	175	160
Unit 3	4.35	25.09	195	160
Unit 4	4.10	25.78	179	162
Unit 5	11.55	64.86	500	380
Total	27.69	158.34		
Nasik				
Unit 3	3.99	25.22	170	160
Unit 4	4.09	25.41	182	163
Unit 5	4.02	25.50	171	163
Total	12.11	76.13		
Uran				
All Units	9.92	42.32	439	358
Total	9.92	42.32		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.41	0	0
Total	0.00	0.41		
Koyna				
Stage 1-2	1.15	11.10	125	40
Stage 4	0.00	8.41	0	0
Stage 3	1.20	5.07	160	0
Total	2.35	24.58		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.19	1.76	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.32	80	0
RNGR+BHTSA	0.22	1.05	9	8
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	0.20	3	2
GHATGHAR	0.10	4.01	90	0
Total	0.68	9.70		
Wind				
Total	17.34	124.52	0	0
Total	17.34	124.52		
CPP				
APML(Mus)	12.99	77.86	0	0
JSWEL(Mus)	18.57	119.38	0	0
VIPL(Mus)	12.55	72.20	0	0
RPLAMT(Mus)	17.89	110.78	0	0
WPCL(Mus)	4.53	22.53	0	0
Other(Mus)	4.97	27.76	0	0
Total	71.50	430.51		
SOLAR				
Total	0.76	6.60	0	0
Total	0.76	6.60		
Tata				
Trombay 5	10.39	62.68	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	9.10	120	88
Trombay 7B	1.54	6.53	67	57
Trombay 8	5.64	33.69	251	201
TATA Hydro	3.06	17.82	358	0
Total	23.30	129.82		
R-INFRA				
1-2	10.97	67.73	513	401
Total	10.97	67.73		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 8	0.00	9.26
Chandrapur 9	0.00	0.00
Koradi 9	0.00	18.36
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	138.91	813.34
MSPGCL Thml+Gas	148.84	855.66
MSPGCL Hydro	3.03	34.29

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	151.87	889.95
Koyna 1,2 & 4 Total	1.15	19.52
State Total	275.74	1649.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	5235	51	420	5706	1189	2806	0	4732	4969	-1489	13181	0	13181	2796	15977	49.96
2	5270	62	421	5753	867	2799	0	4637	4540	-1325	12634	0	12634	2610	15244	50.00
3	5343	165	421	5929	623	2833	0	4119	4648	-1311	12722	0	12722	2438	15160	49.99
4	5811	222	422	6455	303	3030	0	4001	4086	-1222	12652	0	12652	2318	14970	50.00
5	5814	98	422	6334	207	3107	0	4277	4038	-1157	12529	0	12529	2256	14785	50.03
6	5860	56	423	6339	123	3109	0	4472	4583	-1148	13006	0	13006	2246	15252	50.02
7	5860	51	417	6328	108	3106	5	4579	4597	-1109	13035	0	13035	2207	15242	49.98
8	5898	56	421	6375	153	3111	25	4867	4933	-1169	13428	0	13428	2272	15700	49.97
9	6176	60	419	6655	363	3125	43	5699	5193	-1477	13902	0	13902	2663	16565	50.01
10	6158	121	439	6718	444	3139	75	6182	5681	-1679	14378	0	14378	3011	17389	49.98
11	5998	193	416	6607	594	3055	65	6299	5963	-1747	14537	0	14537	3313	17850	49.97
12	5852	150	416	6418	804	2886	99	6273	6022	-1632	14597	0	14597	3390	17987	49.97
13	5765	136	408	6309	931	2862	118	6290	5903	-1662	14461	0	14461	3392	17853	49.94
14	5491	136	410	6037	714	2862	103	6303	6033	-1642	14107	0	14107	3345	17452	49.98
15	5806	160	406	6372	1029	2957	72	6360	5790	-1651	14569	0	14569	3390	17959	49.93
16	5951	211	410	6572	828	3011	64	6207	5806	-1621	14660	0	14660	3362	18022	49.95
17	5802	221	415	6438	834	2982	58	5996	5916	-1590	14638	0	14638	3302	17940	49.96
18	5587	216	415	6218	957	2850	29	5195	5650	-1591	14113	0	14113	3216	17329	49.98
19	5662	216	416	6294	1033	2909	3	4958	5036	-1428	13847	0	13847	3029	16876	49.95
20	5861	226	419	6506	934	2846	0	5908	5744	-1276	14754	0	14754	2989	17743	49.90
21	6000	53	417	6470	1023	2997	0	5919	5651	-1267	14874	0	14874	2902	17776	49.94
22	5962	56	417	6435	1115	2980	0	5879	5331	-1437	14424	0	14424	2855	17279	49.97
23	5918	51	374	6343	1074	3022	0	5664	5686	-1628	14497	0	14497	2936	17433	49.98
24	5834	66	358	6258	1087	3111	0	5624	5635	-1691	14400	0	14400	2989	17389	49.96
MUs	138.91	3.03	9.92	151.87	17.34	71.50	0.76	130.44	127.43	-34.95	333.95	0.00	333.95	69.23	403.17	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 06/Jun/2016

Position as on 6.30 Hrs of 07/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	Koyana 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	
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		Continued.	Due To Main Steam Temperature Very Low.	
IPP	RPL(AMT) U-4	270	06/06/2016	19.17	06/06/2016	22.26	Generator Protection operated	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 07/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	05/06/2016	17.10	06/06/2016	00.16	T	Directional Earth Fault.
Koradi III - Akola II- ckt-II	IntraState	06/06/2016	16.05	06/06/2016	16.23	T	Distance Protection
Ektuni - Akola II Ckt I	IntraState	06/06/2016	20.14	06/06/2016	22.38	T	Tripped on Line Reactor PRV Operated at Ektuni end
765 KV ICT Outages/Trippings							
765/400kV 1500 MVA ICT - I @ Aurangabad	IntraState	05/06/2016	21.48	06/06/2016	10.34	T	Tripped on PRV
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	05/06/2016	00.02	06/06/2016	08.09	T	Over Voltage
Dhule Sar'Sarovar I	InterState	05/06/2016	17.40	06/06/2016	08.18	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	06/06/2016	05.47	06/06/2016	06.28	T	Distance Protection
Karad Solapur (PG)	InterState	06/06/2016	14.49	06/06/2016	19.33	EO	To attend Hot Spot
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
Ektuni-Bableshwar ckt II	IntraState	19/05/2016	09.44		Continued.	HT	To Control BBLR Padghe Loading.
Taptitanda-Ektuni ckt 2	IntraState	28/05/2016	10.30	06/06/2016	21.12	PO	Dismantalling of Tower.
karad -kolhapur-II	IntraState	04/06/2016	16.06		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	04/06/2016	17.34	06/06/2016	10.02	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/06/2016	00.06	06/06/2016	17.10	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/06/2016	17.06		Continued.	HT	Over Voltage
Chandrapur-Parali III	IntraState	05/06/2016	20.28	06/06/2016	05.44	T	Distance Protection
Parly(MS)- Nanded	IntraState	06/06/2016	01.10	06/06/2016	05.05	T	Over Voltage
Chandrapur-II - Nanded	IntraState	06/06/2016	01.10	06/06/2016	06.03	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	06/06/2016	10.44	06/06/2016	15.02	EO	Hot Spot (Shifted on TBC)
Parly(MS)- Nanded	IntraState	06/06/2016	12.16		Continued.	PO	E/W suspension clamp fixing work
Girwali-Solapur (Lamboti)	IntraState	06/06/2016	20.02	06/06/2016	22.54	EO	To attend Hot Spot
Bhusawal-Aurangabad	IntraState	06/06/2016	21.21		Continued.	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	07/06/2016	02.01		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	05/06/2016	21.26	06/06/2016	00.48	T	NDR
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
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		Continued.	T	Distance Protection
Mahalakshmi Amona	InterState	06/06/2016	18.35	06/06/2016	19.52	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.

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 06/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 07/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Miraj - Ichalkaranji II	IntraState	05/06/2016	20.06	06/06/2016	01.59	EO	Attend Sparkling On Line.
Oni Kharepatan Line	IntraState	06/06/2016	09.25	06/06/2016	16.50	PO	Insulator washing work
Pedhambe - Oni	IntraState	06/06/2016	09.40	06/06/2016	17.25	PO	Insulator washing work
New Koyna - Loteparshuram	IntraState	06/06/2016	09.55	06/06/2016	14.00	PO	Line Maintenance work
Girwali - Nanded	IntraState	06/06/2016	12.16		Continued.	PO	Fixing of E/W
Kalmeshwar-Pandhurna	IntraState	06/06/2016	15.56	07/06/2016	01.07	T	Distance Protection
Jejuri-Parvati	IntraState	06/06/2016	17.22	06/06/2016	17.42	T	Tripped at Jejuri end only
Halkarni-Mahalaxmiline	IntraState	06/06/2016	18.35	06/06/2016	19.07	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							
Raimoha - Pathardi	IntraState	06/06/2016	02.10	06/06/2016	14.05	T	Distance Protection
100 KV LINE Outages/Trippings							
Kandalgaon - Roha II	IntraState	05/06/2016	03.05	06/06/2016	09.50	T	Distance Protection

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