

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jun/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.146	674.431	1) Gujrat	-8.394	-35.391
2) Hydro	3.496	31.256	2) Madhya Pradesh	7.015	45.465
3) Gas	7.506	32.393	3) Chattisgarh	7.120	34.950
Total MSPGCL	135.148	738.080	4) Maharashtra Net	99.058	574.042
B) 1) APML	11.687	64.869	5) Goa (Amona)	-0.874	-4.588
2) JSWEL	19.071	100.807	6) TAPS 1&2 Injection	3.569	17.817
3) VIPL	10.333	59.645	7) RGPPL Injection	9.937	55.556
4) RPL(AMT)	18.529	92.897	8) Pench (MS)	0.083	0.410
5) WPCL	4.214	18.005	9) Pench (Excess)	-0.083	-0.410
6) Other IPP	4.421	22.790	Total	117.348	687.441
C) 1) TPCL Thermal	13.074	80.338	a) Mumbai Schedule	20.749	137.600
2) TPCL Hydro	0.021	14.764	b) Mumbai Drawl	32.267	175.744
3) TPCL Gas	2.927	11.411	c) MSEDCL Bilateral *	34.123	201.438
4) R-INFRA Thermal	10.005	56.755	Include PX	-0.921	23.518
D) STATE			d) Mumbai Bilateral *	20.749	137.600
1) Thermal	215.480	1170.537	Include PX	4.591	29.135
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	3.517	46.020	H) ENERGY CATERED (MUs)		
3) Gas	10.433	43.804	1) MSEDCL	311.639	1721.811
4) Wind	22.137	107.180	2) Mumbai Discoms	58.292	339.011
6) SOLAR	1.018	5.841	TOTAL STATE	369.931	2060.822
TOTAL STATE	252.585	1373.382			

* 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 7 Hrs
MSPGCL Thermal	5170	5505	5234	5107
MSPGCL Hydro	237	315	111	54
MSPGCL Gas	283	289	342	291
MSPGCL Total Generation	5690	6109	5687	5452
Central Sector Receipt	5600	6003	5484	3629
WIND	720	611	1134	1011
CPP / IPP	2762	2967	2789	2760
SOLAR	142	89	0	2
Exchange with Mumbai	-1289	-1356	-1494	-1169
MSEDCL DEMAND MET	13625	14423	13600	11685
Load Shedding	0	0	0	0
MSEDCL DEMAND	13625	14423	13600	11685
TPCL GENERATION	638	671	681	606
R-INFRA GENERATION	402	501	403	403
MUMBAI DEMAND	2329	2528	2578	2178
STATE DEMAND MET	15954	16951	16178	13863
STATE DEMAND	15954	16951	16178	13863
Frequency (Hz)	49.92	49.96	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 17.02 Hrs	49.79 Hz at 23.17 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 05/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.19	16.52	145	118
Unit 6	0.00	0.00	0	0
Unit 7	3.75	18.90	170	135
Unit 8	11.37	63.54	500	459
Total	18.31	98.96		
Bhusawal				
Unit 2	3.30	13.28	145	135
Unit 3	3.86	19.48	165	150
Unit 4	8.68	50.97	370	350
Unit 5	8.70	51.34	370	350
Total	24.54	135.08		
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	4.06	18.86	193	164
Unit 4	4.02	20.94	184	160
Unit 5	8.86	26.72	435	359
Unit 6	8.89	47.86	420	240
Unit 7	8.86	48.97	438	354
Total	34.70	163.37		
Paras				
Unit 3	5.01	27.03	248	192
Unit 4	5.03	27.71	255	192
Total	10.04	54.73		
Khaparkheda				
Unit 1	3.34	16.08	165	110
Unit 2	3.76	18.83	165	140
Unit 3	3.89	20.75	164	160
Unit 4	4.21	21.68	180	169
Unit 5	9.36	53.31	500	375
Total	24.56	130.65		
Nasik				
Unit 3	3.98	21.22	170	160
Unit 4	4.00	21.31	176	160
Unit 5	4.03	21.48	172	164
Total	12.01	64.02		
Uran				
All Units	7.51	32.39	424	274
Total	7.51	32.39		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.08	0.41	24	0
Total	0.08	0.41		
Koyna				
Stage 1-2	1.08	9.96	55	40
Stage 4	0.00	8.41	0	0
Stage 3	0.00	3.87	0	0
Total	1.08	22.23		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.31	1.57	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	1.20	80	0
RNGR+BHTSA	0.23	0.83	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.15	0	0
GHATGHAR	1.68	3.90	250	0
Total	2.42	9.02		
Wind				
Total	22.14	107.18	0	0
Total	22.14	107.18		
CPP				
APML(Mus)	11.69	64.87	0	0
JSWEL(Mus)	19.07	100.81	0	0
VIPL(Mus)	10.33	59.64	0	0
RPLAMT(Mus)	18.53	92.90	0	0
WPCL(Mus)	4.21	18.00	0	0
Other(Mus)	4.42	22.79	0	0
Total	68.26	359.01		
SOLAR				
Total	1.02	5.84	0	0
Total	1.02	5.84		
Tata				
Trombay 5	8.08	52.29	472	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.74	6.42	96	48
Trombay 7B	1.18	4.99	59	38
Trombay 8	4.99	28.05	251	201
TATA Hydro	0.02	14.76	10	4
Total	16.02	106.51		
R-INFRA				
1-2	10.00	56.76	501	401
Total	10.00	56.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	9.26	MSPGCL Thermal	124.15	674.43	MSPGCL Total	135.15	738.08
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	131.65	706.82	Koyna 1,2 & 4 Total	1.08	18.37
Koradi 9	0.00	18.36	MSPGCL Hydro	3.50	31.26	State Total	252.58	1373.38
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	5106	193	282	5581	1261	2934	0	5359	4973	-1665	13084	0	13084	2866	15950	49.96
2	5079	54	296	5429	1225	2831	0	5255	4397	-1528	12354	0	12354	2718	15072	49.95
3	5048	54	284	5386	1396	2828	0	4218	3727	-1473	11864	0	11864	2543	14407	49.97
4	5080	54	293	5427	1265	2784	0	3757	3496	-1395	11577	0	11577	2401	13978	49.96
5	5064	49	289	5402	900	2728	0	3655	3852	-1311	11571	0	11571	2319	13890	49.89
6	5077	64	301	5442	1071	2726	0	3683	3907	-1286	11860	0	11860	2291	14151	49.95
7	5107	54	291	5452	1011	2760	2	4473	3629	-1169	11685	0	11685	2178	13863	49.99
8	5090	55	301	5446	735	2779	23	4785	4092	-1103	11972	0	11972	2110	14082	49.98
9	5108	91	290	5489	742	2784	64	4096	4600	-1104	12575	0	12575	2113	14688	49.98
10	5152	291	301	5744	781	2782	98	4509	4649	-1165	12889	0	12889	2173	15062	50.00
11	5173	295	280	5748	707	2777	120	4796	5242	-1247	13347	0	13347	2264	15611	49.96
12	5170	237	283	5690	720	2762	142	4866	5600	-1289	13625	0	13625	2329	15954	49.92
13	5173	305	274	5752	743	2843	151	4903	5605	-1262	13832	0	13832	2334	16166	49.94
14	5146	310	274	5730	532	2871	125	5238	5920	-1293	13885	0	13885	2366	16251	49.93
15	5180	300	288	5768	587	2942	111	5443	5966	-1273	14101	0	14101	2423	16524	49.94
16	5505	315	289	6109	611	2967	89	5485	6003	-1356	14423	0	14423	2528	16951	49.96
17	5484	184	321	5989	685	2982	65	5330	5780	-1262	14239	0	14239	2425	16664	49.97
18	5159	83	322	5564	880	2959	24	4889	5224	-1192	13459	0	13459	2331	15790	50.02
19	5146	121	348	5615	1110	2957	4	4653	4473	-1257	12902	0	12902	2363	15265	49.98
20	5219	116	357	5692	1227	2877	0	5407	5194	-1430	13560	0	13560	2510	16070	49.97
21	5234	111	342	5687	1134	2789	0	5558	5484	-1494	13600	0	13600	2578	16178	49.97
22	5232	50	361	5643	1053	2802	0	5163	5359	-1529	13328	0	13328	2604	15932	49.96
23	5224	55	415	5694	908	2796	0	4738	5173	-1585	12986	0	12986	2672	15658	49.92
24	5190	55	424	5669	853	2789	0	4785	5003	-1599	12715	0	12715	2855	15570	49.90
MUs	124.15	3.50	7.51	135.15	22.14	68.05	1.02	115.04	117.35	-32.27	311.43	0.00	311.43	58.29	369.73	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 05/Jun/2016

Position as on 6.30 Hrs of 06/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 B0	120	29/05/2016	23.17	05/06/2016	21.22	Gas shortage	
MSPGCL	Uran Unit 8	108	29/05/2016	23.19	05/06/2016	14.30	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	04/06/2016	13.00		Continued.	Due To Main Steam Temperature Very Low.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 06/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	05/06/2016	16.12	05/06/2016	17.47	T	Tripped Akola End.
Ektuni - Akola II Ckt I	IntraState	05/06/2016	17.10	06/06/2016	00.16	T	Directional Earth Fault.
400 KV LINE Outages/Trippings							
Lamboti - Solapur (PG)	InterState	04/06/2016	20.47	05/06/2016	14.40	T	Distance Protection
Kolhapur Solapur (PG) II	InterState	05/06/2016	00.02		Continued.	T	Over Voltage
Dabhol Nagothane II	InterState	05/06/2016	00.12	05/06/2016	00.50	T	Heavy Rain.
Dabhol Nagothane II	InterState	05/06/2016	03.03	05/06/2016	15.41	T	Distance Protection
Dhule Sar'Sarovar I	InterState	05/06/2016	17.40		Continued.	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	06/06/2016	05.47	06/06/2016	06.28	T	Distance Protection
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		Continued.	PO	Dismantalling of Tower.
karad -kolhapur-II	IntraState	04/06/2016	16.06		Continued.	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	04/06/2016	16.23	05/06/2016	07.45	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	04/06/2016	17.34		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	04/06/2016	23.58	05/06/2016	07.34	T	Over Voltage
Parly(MS)- Nanded	IntraState	05/06/2016	02.02	05/06/2016	07.22	T	Over Voltage
Karad-Jaigad - I	IntraState	05/06/2016	17.06		Continued.	HT	Over Voltage
Warora-Tirora-I	IntraState	05/06/2016	20.04	05/06/2016	23.10	T	Distance Protection
Chandrapur-Parali III	IntraState	05/06/2016	20.28	06/06/2016	05.47	T	Distance Protection
Parly(MS)- Nanded	IntraState	06/06/2016	01.10	06/06/2016	06.03	T	Over Voltage
Chandrapur-II - Nanded	IntraState	06/06/2016	01.10	06/06/2016	05.05	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	04/06/2016	23.07	05/06/2016	01.39	T	Heavy Rain.
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	04/06/2016	23.52	05/06/2016	02.33	T	Haavy Rain
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	05/06/2016	03.03	05/06/2016	05.34	T	Heavy Rain.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	05/06/2016	03.03	05/06/2016	04.19	T	Heavy Rain.
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	05/06/2016	21.26	06/06/2016	00.48	T	NDR
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	16/05/2016	18.32		Continued.	HT	O/L of Interconnector betn. Nsk OCR & GCR
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).
Tembhurni - Jeur	IntraState	04/06/2016	21.05	05/06/2016	07.58	T	Distance Protection
Nagar-Bose I	IntraState	04/06/2016	21.50	05/06/2016	13.48	T	Distance Protection
Adlabs - Pedambe	IntraState	05/06/2016	00.15	05/06/2016	01.10	T	Heavy Rain.
Salsette Borivli 1	IntraState	05/06/2016	08.43	05/06/2016	14.12	PO	Maintenance And Testing Work.
Eklhare (Gcr) - Ghatghar	IntraState	05/06/2016	11.33	05/06/2016	19.41	PO	Erection of Monopole.

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 05/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 06/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Borivali	IntraState	05/06/2016	14.15	05/06/2016	22.09	HT	As CT Jumper open at Borivali end.
Nashik-Airoli Knowledge Park	IntraState	05/06/2016	14.25	05/06/2016	18.17	PO	Erection Of Monopole.
Miraj - Ichalkaranji II	IntraState	05/06/2016	20.06	06/06/2016	01.59	EO	Attend Sparkling On Line.
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-II @Boisar-II	IntraState	05/06/2016	06.23	05/06/2016	08.33	PO	HV CT Ratio Modification.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	05/06/2016	08.55		Continued.	PO	Oil Filtration Work.
132 KV LINE Outages/Trippings							
Theur-Sanaswadi	IntraState	04/06/2016	00.36		Continued.	HT	Jejuri ST-4 Line Tripped Hence.
100 KV LINE Outages/Trippings							
Kandalgaon - Roha II	IntraState	05/06/2016	03.05		Continued.	T	Distance Protection

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