

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/May/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.262	1240.801	1) Gujrat	0.365	-20.718
2) Hydro	6.254	89.304	2) Madhya Pradesh	12.297	135.535
3) Gas	10.547	105.357	3) Chattisgarh	6.570	66.750
Total MSPGCL	144.063	1435.462	4) Maharashtra Net	98.358	926.314
B) 1) APMIL	39.283	441.057	5) Goa (Amona)	-0.728	-4.872
2) JSWEL	23.804	268.113	6) TAPS 1&2 Injection	0.000	10.368
3) VIPL	12.530	123.620	7) RGPPL Injection	11.705	114.488
4) RPL(AMT)	15.821	157.968	8) Pench (MS)	0.000	0.521
5) WPCL	2.770	30.029	9) Pench (Excess)	0.000	-0.521
6) Other IPP	5.051	54.729	Total	128.567	1227.344
C) 1) TPCL Thermal	15.750	144.940	a) Mumbai Schedule	24.479	241.938
2) TPCL Hydro	2.839	26.877	b) Mumbai Drawl	32.457	297.640
3) TPCL Gas	3.858	41.349	c) MSEDCL Bilateral *	32.725	309.690
4) R-INFRA Thermal	10.555	109.626	Include PX	-0.212	-2.360
D) STATE			d) Mumbai Bilateral *	24.479	241.938
1) Thermal	252.826	2570.883	Include PX	1.912	23.798
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.093	116.181	H) ENERGY CATERED (MUs)		
3) Gas	14.405	146.706	1) MSEDCL	352.061	3588.362
4) Wind	11.343	133.941	2) Mumbai Discoms	65.459	620.400
6) SOLAR	1.286	13.739	TOTAL STATE	417.520	4208.762
TOTAL STATE	288.953	2981.450			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5719	5718	5403	4764
MSPGCL Hydro	538	156	829	80
MSPGCL Gas	442	427	452	446
MSPGCL Total Generation	6699	6301	6684	5290
Central Sector Receipt	5759	6112	5435	4514
WIND	73	297	822	668
CPP / IPP	4245	4313	4263	3817
SOLAR	163	129	0	0
Exchange with Mumbai	-1446	-1418	-1411	-1018
MSEDCL DEMAND MET	15493	15734	15793	13271
Load Shedding	0	0	0	0
MSEDCL DEMAND	15493	15734	15793	13271
TPCL GENERATION	1165	1263	1099	670
R-INFRA GENERATION	507	507	404	403
MUMBAI DEMAND	3118	3188	2914	2091
STATE DEMAND MET	18611	18922	18707	15362
STATE DEMAND	18611	18922	18707	15362
Frequency (Hz)	49.99	49.90	49.88	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.00 Hrs	49.73 Hz at 14.09 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 10/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	7.21	84.36	305	297
Total	7.21	84.36		
Bhusawal				
Unit 2	0.00	20.34	0	0
Unit 3	3.98	39.11	180	160
Unit 4	10.30	99.41	505	350
Unit 5	10.29	99.44	500	350
Total	24.57	258.30		
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	4.40	43.79	196	167
Unit 4	4.29	42.78	194	160
Unit 5	9.61	93.67	432	360
Unit 6	10.24	102.39	470	362
Unit 7	9.39	74.05	418	357
Total	37.93	356.68		
Paras				
Unit 3	5.49	54.98	254	186
Unit 4	5.69	56.45	260	188
Total	11.18	111.43		
Khaparkheda				
Unit 1	3.91	38.77	170	150
Unit 2	4.02	39.76	175	155
Unit 3	4.28	37.84	200	158
Unit 4	4.22	40.64	192	160
Unit 5	10.66	79.05	503	370
Total	27.08	236.06		
Nasik				
Unit 3	4.18	41.22	195	160
Unit 4	4.13	40.36	192	163
Unit 5	4.16	41.42	192	163
Total	12.48	123.01		
Uran				
All Units	10.55	105.36	452	426
Total	10.55	105.36		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.52	0	0
Total	0.00	0.52		
Koyna				
Stage 1-2	2.50	32.78	435	40
Stage 4	0.97	20.76	200	0
Stage 3	0.81	12.02	160	0
Total	4.28	65.57		
Hydro				
KDPH	0.55	5.82	23	23
VTRNA	0.00	0.29	0	0
TILLARI	0.28	3.25	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.53	80	0
RNGR+BHTSA	0.02	1.54	1	0
BHANDARDRA	0.17	1.34	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	1.94	12	11
GHATGHAR	0.53	8.03	240	0
Total	1.98	23.74		
Wind				
Total	11.34	133.94	0	0
Total	11.34	133.94		
CPP				
APML(Mus)	39.28	441.06	0	0
JSWEL(Mus)	23.80	268.11	0	0
VIPL(Mus)	12.53	123.62	0	0
RPLAMT(Mus)	15.82	157.97	0	0
WPCL(Mus)	2.77	30.03	0	0
Other(Mus)	5.05	54.73	0	0
Total	99.26	1075.52		
SOLAR				
Total	1.29	13.74	0	0
Total	1.29	13.74		
Tata				
Trombay 5	10.16	87.62	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	26.55	115	94
Trombay 7B	1.44	14.80	65	58
Trombay 8	5.58	57.32	248	202
TATA Hydro	2.84	26.88	374	13
Total	22.45	213.17		
R-INFRA				
1-2	10.56	109.63	513	403
Total	10.56	109.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	127.26	1240.80	MSPGCL Total	144.06	1435.46
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	137.81	1346.16	Koyna 1,2 & 4 Total	3.47	53.54
Koradi 9	6.80	69.05	MSPGCL Hydro	6.25	89.30	State Total	288.95	2981.45
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 10/May/2016

Annexure-2

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	4868	85	446	5399	409	4118	0	5487	5459	-1494	13891	0	13891	2614	16505	49.97
2	4837	85	446	5368	316	3974	0	5366	5404	-1328	13734	0	13734	2404	16138	49.98
3	4775	80	446	5301	725	3833	0	5189	5039	-1176	13722	0	13722	2251	15973	49.99
4	4761	75	446	5282	852	3829	0	4637	4355	-1064	13254	0	13254	2141	15395	49.98
5	4764	80	446	5290	668	3817	0	3968	4514	-1018	13271	0	13271	2091	15362	49.96
6	4808	236	435	5479	571	3826	0	3653	5071	-1016	13931	0	13931	2127	16058	49.96
7	4937	312	446	5695	328	3987	3	5081	5055	-1046	14022	0	14022	2120	16142	49.99
8	4920	115	446	5481	306	3978	31	5498	5557	-1141	14212	0	14212	2217	16429	49.97
9	5017	201	437	5655	351	3730	83	5686	5827	-1322	14324	0	14324	2458	16782	49.99
10	5628	459	427	6514	197	4135	112	5800	5559	-1387	15130	0	15130	2888	18018	49.97
11	5719	538	442	6699	73	4245	163	5902	5759	-1446	15493	0	15493	3118	18611	49.99
12	5712	616	439	6767	58	4269	188	6040	5555	-1507	15330	0	15330	3186	18516	49.99
13	5698	445	426	6569	76	4284	181	5991	5857	-1483	15484	0	15484	3207	18691	49.96
14	5720	179	437	6336	148	4299	182	5953	5916	-1419	15462	0	15462	3122	18584	49.95
15	5718	156	427	6301	297	4313	129	5947	6112	-1418	15734	0	15734	3188	18922	49.90
16	5707	246	427	6380	385	4298	114	5927	5775	-1463	15489	0	15489	3210	18699	49.97
17	5611	225	437	6273	507	4235	63	5753	5445	-1525	14998	0	14998	3201	18199	50.00
18	5164	86	441	5691	681	4045	34	5280	5216	-1628	14039	0	14039	3092	17131	49.99
19	4959	156	430	5545	799	4111	3	4838	4911	-1471	13898	0	13898	2907	16805	49.96
20	5403	829	452	6684	822	4263	0	5456	5435	-1411	15793	0	15793	2914	18707	49.88
21	5624	481	433	6538	828	4391	0	5599	5118	-1485	15390	0	15390	2837	18227	49.98
22	5628	204	443	6275	708	4402	0	5586	5135	-1416	15104	0	15104	2729	17833	49.97
23	5645	110	445	6200	615	4376	0	5592	5337	-1419	15109	0	15109	2710	17819	49.93
24	5639	255	447	6341	623	4500	0	5573	5158	-1374	15248	0	15248	2727	17975	49.98
MUs	127.26	6.25	10.55	144.06	11.34	99.26	1.29	129.80	128.57	-32.46	352.06	0.00	352.06	65.46	417.52	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 10/May/2016

Position as on 6.30 Hrs of 11/May/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	
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	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
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	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
CENT.SECTOR	Tarapur 1	160	04/05/2016	00.20		Continued.	Mandatory surveillance checks,Main condenser tube leak check	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
MSPGCL	Bhusawal Unit 2	210	07/05/2016	11.25		Continued.	Control Valve Problem.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/May/2016

Position as on 6.30 Hrs of 11/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RGPPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
IPP	JSW (J) U1	300	10/05/2016	08.02	10/05/2016	17.43	Turbine Vibration High.	
MSPGCL	Khaparkheda Unit 4	210	11/05/2016	03.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2016

Statement-VII

Position as on 6.30 Hrs of 11/May/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 Khandwa II	InterState	09/05/2016	21.28	10/05/2016	16.26	T	Distance Protection
Dabhol New koyna I	InterState	10/05/2016	08.35		Continued.	PO	Insulator Replacement (RFC @ 19.08).
Dabhol Nagothane I	InterState	11/05/2016	03.52		Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorientation.
Babhaleshwar-Taptitanda ckt-II	IntraState	07/05/2016	13.09		Continued.	PO	Conductor Stringing Work(5 Days).
karad -kolhapur-I	IntraState	09/05/2016	16.30	10/05/2016	09.23	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/05/2016	16.52	10/05/2016	14.34	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/05/2016	16.57	10/05/2016	08.10	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/05/2016	03.24	10/05/2016	08.38	HT	Over Voltage
karad -kolhapur-II	IntraState	10/05/2016	16.11		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/05/2016	16.56		Continued.	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	10/05/2016	17.27	10/05/2016	19.35	PO	To Attend Oil Leakage Problem @ PG End by MSETCL, Outage Aailed on Main Bay(403), Ckt Available Through Tie Bay.
Bhusawal-Aurangabad	IntraState	10/05/2016	18.07		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	10/05/2016	01.09	10/05/2016	01.53	T	NDR Protection.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	10/05/2016	01.09	10/05/2016	01.47	T	NDR Protection.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	10/05/2016	01.09	10/05/2016	01.27	T	NDR Protection.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	11/05/2016	06.28		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).
Bableswhar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableswhar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Ghodbunder - Versova	IntraState	09/05/2016	22.48	10/05/2016	04.41	PO	CVT Replacement.
Kharghar Trombay	IntraState	10/05/2016	00.07	10/05/2016	00.27	T	Distance Protection
Nerul - Sonkhar	IntraState	10/05/2016	06.05	10/05/2016	09.13	EO	Attending Oil Leakage
Kandalgaon - Sona Alloys	IntraState	10/05/2016	10.10	10/05/2016	18.00	PO	Line Maintenance work
Uran - Apta II	IntraState	10/05/2016	10.23	10/05/2016	12.54	PO	Routine Maintenance Work
Nagar-Bose I	IntraState	10/05/2016	11.36	10/05/2016	13.52	PO	Construction Work.
Karad -Mudshingi Ckt- IV	IntraState	10/05/2016	15.08	10/05/2016	16.51	EO	Attending Hot Spot
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

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 10/May/2016

Statement-VII

Position as on 6.30 Hrs of 11/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	10/05/2016	08.14	10/05/2016	14.14	PO	Quarterly Maintainance Work
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 1	IntraState	11/05/2016	05.44	11/05/2016	05.56	T	Distance Protection

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