

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/May/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.655	1512.820	1) Gujrat	-2.056	-31.982
2) Hydro	3.545	46.249	2) Madhya Pradesh	12.705	110.524
3) Gas	4.684	86.778	3) Chattisgarh	5.920	62.750
Total MSPGCL	170.884	1645.847	4) Maharashtra Net	122.598	1263.468
B) 1) APML	68.729	584.282	5) Goa (Amona)	-0.858	-7.964
2) JSWEL	20.822	224.472	Total	138.309	1396.796
3) VIPL	12.731	128.685	a) Mumbai Schedule	23.547	240.540
4) RPL(AMT)	14.222	150.276	b) Mumbai Drawl	33.149	310.576
5) WPCL	2.495	24.898	c) MSEDCL Bilateral *	44.759	414.106
6) PGPL	0.000	0.000	Include PX	6.604	113.015
7) Other IPP	6.490	40.797	d) Mumbai Bilateral *	23.547	240.540
C) 1) TPCL Thermal	14.170	151.625	Include PX	3.119	18.795
2) TPCL Hydro	3.320	32.912	Include Standby	0.000	0.000
3) TPCL Gas	4.499	45.063	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.125	98.866	1) MSEDCL	415.976	4026.235
D) STATE			2) Mumbai Discoms	65.264	639.041
1) Thermal	312.439	2916.721	TOTAL STATE	481.240	4665.276
(A1+C1+C4+(B1-B6))					
2) Hydro	6.865	79.161			
(A2+C2)					
3) Gas	9.183	131.841			
(A3+B6+C3)					
4) Wind	12.765	124.561			
6) SOLAR	1.678	16.197			
TOTAL STATE	342.930	3268.481			

* 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 1 Hrs
MSPGCL Thermal	6905	7376	7148	6194
MSPGCL Hydro	142	196	269	74
MSPGCL Gas	253	142	147	175
MSPGCL Total Generation	7300	7714	7564	6443
Central Sector Receipt	7016	6730	4886	4908
WIND	192	300	816	768
CPP / IPP Thermal	5084	5353	5533	4810
CPP / IPP Gas	0	0	0	0
SOLAR	235	142	0	0
Exchange with Mumbai	-1446	-1498	-1573	-1591
MSEDCL DEMAND MET	18381	18741	17226	15338
Load Shedding	0	0	0	0
MSEDCL DEMAND	18381	18741	17226	15338
TPCL GENERATION	1187	1202	878	698
R-INFRA GENERATION	488	491	389	389
MUMBAI DEMAND	3121	3191	2840	2678
STATE DEMAND MET	21502	21932	20066	18016
STATE DEMAND	21502	21932	20066	18016
Frequency (Hz)	49.96	49.97	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.81 Hz at 14.12 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 10/May/2017

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	3.71	37.19	160	145
Unit 8	12.31	116.68	532	446
Unit 9	12.34	109.40	626	358
Unit 10	9.71	38.96	496	285
Total	38.06	302.22		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.76	32.62	165	0
Unit 4	9.41	88.90	450	355
Unit 5	9.54	89.82	450	355
Total	20.71	211.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.07	54.62	250	190
Unit 7	5.00	53.54	248	191
Unit 8	0.00	0.00	0	0
Total	10.06	108.16		
Chandrapur				
Unit 3	4.40	43.75	192	168
Unit 4	4.52	34.22	194	173
Unit 5	10.07	100.51	450	365
Unit 6	10.07	58.38	440	354
Unit 7	0.00	0.00	0	0
Unit 8	8.42	92.44	362	325
Unit 9	8.54	95.98	366	345
Total	46.03	425.27		
Paras				
Unit 3	5.41	45.39	255	185
Unit 4	5.44	47.76	255	190
Total	10.86	93.15		
Khaparkheda				
Unit 1	3.94	39.98	190	160
Unit 2	3.82	39.32	175	140
Unit 3	3.99	43.00	200	160
Unit 4	3.90	35.94	183	160
Unit 5	9.73	84.90	460	365
Total	25.39	243.15		
Nasik				
Unit 3	4.21	43.65	195	165
Unit 4	4.18	43.58	197	164
Unit 5	3.16	42.29	200	0
Total	11.55	129.53		
Uran				
All Units	4.68	86.78	278	141
Total	4.68	86.78		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.37	1.36	25	0
Total	0.37	1.36		
Koyna				
Stage 1-2	0.87	10.04	45	35
Stage 4	0.00	0.71	0	0
Stage 3	0.00	3.58	0	0
Total	0.87	14.33		
Hydro				
KDPH	0.30	5.72	13	12
VTRNA	0.60	6.10	61	0
TILLARI	0.00	0.40	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.62	80	0
RNGR+BHTSA	0.28	2.76	12	11
BHANDARDRA	0.45	4.48	40	10
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.11	2.81	13	2
GHATGHAR	0.73	6.23	125	0
Total	2.68	31.92		
Wind				
Total	12.76	124.56	0	0
Total	12.76	124.56		
CPP				
APML(Mus)	68.73	584.28	0	0
JSWEL(Mus)	20.82	224.47	0	0
VIPL(Mus)	12.73	128.68	0	0
RPLAMT(Mus)	14.22	150.28	0	0
WPCL(Mus)	2.50	24.90	0	0
Other(Mus)	6.49	40.80	0	0
Total	125.49	1153.41		
SOLAR				
Total	1.68	16.20	0	0
Total	1.68	16.20		
Tata				
Trombay 5	8.94	98.02	483	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	29.02	122	118
Trombay 7B	1.60	16.04	67	66
Trombay 8	5.23	53.61	246	200
TATA Hydro	3.32	32.91	330	0
Total	21.99	229.60		
R-INFRA				
DTPS U-1&2	10.12	98.87	503	388
Total	10.12	98.87		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.66	1512.82	MSPGCL Total	170.88	1645.85
			MSPGCL Thml+Gas	167.34	1599.60	Koyna 1,2 & 4 Total	0.87	10.75
			MSPGCL Hydro	3.54	46.25	State Total	342.93	3268.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/May/2017

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			THM	GAS										
1	6194	74	175	6443	768	4810	0	0	4612	4908	-1591	15338	0	15338	2678	18016	49.98
2	6032	74	204	6310	802	4661	0	0	4701	5323	-1374	15722	0	15722	2456	18178	49.97
3	6342	74	258	6674	743	4964	0	0	5170	5215	-1217	16379	0	16379	2298	18677	49.97
4	6748	74	278	7100	772	5364	0	0	5226	4544	-1063	16717	0	16717	2146	18863	50.00
5	6438	74	261	6773	796	5401	0	0	5220	5197	-1028	17139	0	17139	2110	19249	49.93
6	6492	107	242	6841	649	5398	0	0	5676	5466	-1040	17314	0	17314	2121	19435	49.98
7	7013	106	254	7373	540	5408	0	7	5830	5441	-1013	17756	0	17756	2094	19850	50.04
8	7069	106	244	7419	353	5417	0	46	6069	5819	-1085	17969	0	17969	2168	20137	50.02
9	6603	138	253	6994	250	5225	0	119	6085	6283	-1029	17842	0	17842	2449	20291	50.00
10	6920	222	267	7409	245	5257	0	157	6201	5744	-1153	17659	0	17659	2763	20422	49.97
11	6623	146	236	7005	311	5123	0	198	6502	6491	-1357	17771	0	17771	3081	20852	49.92
12	6905	142	253	7300	192	5084	0	235	7170	7016	-1446	18381	0	18381	3121	21502	49.96
13	7008	84	141	7233	133	5340	0	226	7326	6877	-1571	18238	0	18238	3143	21381	49.94
14	6851	71	144	7066	164	5154	0	217	7259	7501	-1517	18585	0	18585	3090	21675	49.93
15	7168	196	144	7508	168	5215	0	197	7216	7232	-1544	18776	0	18776	3151	21927	49.92
16	7376	196	142	7714	300	5353	0	142	7163	6730	-1498	18741	0	18741	3191	21932	49.97
17	7069	199	143	7411	433	5296	0	97	6906	6973	-1462	18748	0	18748	3151	21899	50.00
18	7082	260	153	7495	533	5231	0	35	5602	5709	-1518	17485	0	17485	3044	20529	49.98
19	6891	228	147	7266	653	5234	0	2	5398	4708	-1560	16303	0	16303	2871	19174	49.99
20	6769	344	145	7258	701	5110	0	0	5326	5623	-1572	17120	0	17120	2907	20027	49.87
21	7148	269	147	7564	816	5533	0	0	5287	4886	-1573	17226	0	17226	2840	20066	49.97
22	6872	161	157	7190	834	5576	0	0	5269	4506	-1593	16513	0	16513	2779	19292	49.96
23	6568	130	148	6846	859	5375	0	0	5185	4889	-1625	16344	0	16344	2790	19134	49.95
24	6474	70	148	6692	750	4960	0	0	5337	5225	-1720	15907	0	15907	2821	18728	49.95
MUs	162.65	3.55	4.68	170.88	12.77	125.49	0.00	1.68	141.74	138.31	-33.15	415.97	0.00	415.97	65.26	481.24	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/2017

Position as on 6.30 Hrs of 11/May/2017

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	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Koyna Unit 5	80	08/05/2017	08.20		Continued.	installation & commissioning of numerical relay.	
MSPGCL	Bhusawal Unit 3	210	08/05/2017	20.07	10/05/2017	12.01	Boiler Tube Leakage	
CPP	SWPGL U-4	135	09/05/2017	05.10		Continued.	ESP PROBLEM.	
MSPGCL	Uran Unit 6	108	09/05/2017	17.23		Continued.	Due to damper discrepency	
MSPGCL	Uran Unit A0	120	09/05/2017	17.23	10/05/2017	02.17	Due to damper discrepency	
MSPGCL	Nasik Unit 5	210	10/05/2017	01.15	10/05/2017	06.35	Generator Elect. Fault	
MSPGCL	Uran Unit 5	108	10/05/2017	12.00	11/05/2017	01.05	Turbine bearing Vabration high	
MSPGCL	Uran Unit A0	120	10/05/2017	12.00	11/05/2017	05.00	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/May/2017

Position as on 6.30 Hrs of 11/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	11/05/2017	05.35		Continued.	No Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2017

Statement-VII

Position as on 6.30 Hrs of 11/May/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	09/05/2017	18.59	10/05/2017	09.45	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	10/05/2017	09.17	10/05/2017	14.39	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	10/05/2017	17.56		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	04/12/2016	10.17		Continued.	PO	Construction Work of Bunclng of Line New Khargar-Talegaon.
Padghe - Kharghar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work of Bunclng of Line New Khargar-Talegaon.
Ektuni-Bableswhar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Kharghar-Talegaon(PG)	IntraState	10/05/2017	07.03	10/05/2017	10.25	PO	String Replacement Work.
Koradi-India Bulls	IntraState	10/05/2017	10.52	10/05/2017	13.42	PO	Attending Hot Spot
Girwali- Lonikand 2	IntraState	10/05/2017	16.59	10/05/2017	18.07	T	Distance Protection
Ektuni-Bableswhar ckt II	IntraState	10/05/2017	22.55		Continued.	HT	For Controlling 400KV Padgha-Bableswhar Line Loading.
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	05/05/2017	11.02	10/05/2017	21.59	PO	R/M,Diagnostic Testing Work.
400/220kV 315MVA ICT-III @ Kharghar	IntraState	10/05/2017	10.57	10/05/2017	20.26	PO	Testing Work
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	10/05/2017	14.00	10/05/2017	18.17	HT	Due to Reverse Power Flow.
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.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Koradi II - Kawlewada	IntraState	10/05/2017	07.47	10/05/2017	15.09	PO	Attending Hot Spot
Sawantwadi-Bidri	IntraState	10/05/2017	08.36	10/05/2017	21.08	PO	Insulator Cleaning Work.
Ambazari-Amravati	IntraState	10/05/2017	09.25	10/05/2017	18.08	PO	Replacement of Damaged Disc Insulator.
Lamboti - Pandharpur li	IntraState	10/05/2017	15.50	10/05/2017	18.30	PO	Attending Hot Spot
Wardha-Yeotmal	IntraState	10/05/2017	16.15	10/05/2017	17.26	T	PDR Operated.
Kharepatan -Pawas Line	IntraState	10/05/2017	16.29	10/05/2017	18.02	PO	Insulator Washing.
Gadchandur - Virur-I	IntraState	10/05/2017	16.58	10/05/2017	17.05	T	Heavy Sparking on Line Isolator.
Gadchandur - Virur-I	IntraState	10/05/2017	17.22		Continued.	T	PDR Operated.
Parli 3 (Oldgcr)-Harangul Ckt I	IntraState	10/05/2017	18.41	10/05/2017	19.08	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)
220/132 Kv 100 Mva Emco Ict 1 @Buttibori	IntraState	10/05/2017	07.08	10/05/2017	09.55	PO	Attending Hot Spot
220/33kV 125 MVA Transformer 1 @REL Borivali	IntraState	10/05/2017	08.48	10/05/2017	17.21	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	10/05/2017	09.39	10/05/2017	17.03	PO	Attending Hot Spot
220/22 Kv 50 Mva Bb Ptr 2 @Kalwa	IntraState	10/05/2017	17.07	10/05/2017	18.01	T	Differential Protection Crow Fault.
132 KV LINE Outages/Trippings							
Jintur - Yeldari	IntraState	10/05/2017	04.05	10/05/2017	04.25	T	Backup Protection
Kardha-Asgaon	IntraState	10/05/2017	20.19	10/05/2017	20.58	T	Distance Protection

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