

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.090	1513.505	1) Gujrat	-4.101	-16.991
2) Hydro	4.013	53.554	2) Madhya Pradesh	8.868	114.081
3) Gas	10.346	98.533	3) Chattisgarh	6.930	64.830
Total MSPGCL	161.449	1665.592	4) Maharashtra Net	92.330	1029.940
B) 1) APML	48.070	443.254	5) Goa (Amona)	-0.330	-4.268
2) JSWEL	15.209	154.836	Total	103.697	1187.592
3) VIPL	5.261	57.868	a) Mumbai Schedule	25.459	290.646
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	28.304	335.677
5) WPCL	3.779	32.522	c) MSEDCL Bilateral *	9.034	230.774
6) PGPL	0.000	0.000	Include PX	-6.542	48.893
7) Other IPP	2.905	32.199	d) Mumbai Bilateral *	25.459	290.519
C) 1) TPCL Thermal	12.586	145.504	Include PX	3.981	85.063
2) TPCL Hydro	3.671	40.199	Include Standby	0.000	0.128
3) TPCL Gas	4.501	43.857	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.513	101.454	1) MSEDCL	332.898	3588.714
D) STATE			2) Mumbai Discoms	58.575	666.691
1) Thermal	244.413	2596.265	TOTAL STATE	391.473	4255.405
(A1+C1+C4+(B1-B6))					
2) Hydro	7.684	93.753			
(A2+C2)					
3) Gas	14.847	142.390			
(A3+B6+C3)					
4) Wind	19.411	221.416			
6) SOLAR	1.421	13.989			
TOTAL STATE	287.776	3067.813			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6044	6148	6340	5957
MSPGCL Hydro	215	215	199	71
MSPGCL Gas	434	422	432	439
MSPGCL Total Generation	6693	6785	6971	6467
Central Sector Receipt	5242	5027	4130	3377
WIND	655	586	1458	552
CPP / IPP Thermal	3125	3292	2930	3285
CPP / IPP Gas	0	0	0	0
SOLAR	199	212	0	0
Exchange with Mumbai	-1351	-1344	-1283	-850
MSEDCL DEMAND MET	14563	14558	14206	12831
Load Shedding	0	0	0	0
MSEDCL DEMAND	14563	14558	14206	12831
TPCL GENERATION	1060	1040	948	694
R-INFRA GENERATION	388	389	388	390
MUMBAI DEMAND	2799	2773	2619	1934
STATE DEMAND MET	17362	17331	16825	14765
STATE DEMAND	17362	17331	16825	14765
Frequency (Hz)	49.94	49.95	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.00 Hrs	49.81 Hz at 19.45 Hrs	49.98	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/Jun/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	3.34	26.30	150	126
Unit 8	7.56	76.38	331	288
Unit 9	7.77	85.91	398	300
Unit 10	8.29	77.62	390	305
Total	26.96	266.22		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.99	39.78	195	160
Unit 4	8.90	95.17	470	290
Unit 5	9.29	94.26	500	375
Total	22.18	229.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.90	51.45	250	191
Unit 7	4.92	50.30	252	194
Unit 8	0.00	0.00	0	0
Total	9.82	101.75		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.42	43.62	198	166
Unit 5	9.01	89.00	400	360
Unit 6	9.66	93.77	433	365
Unit 7	5.11	87.43	429	0
Unit 8	8.96	85.44	398	352
Unit 9	8.86	89.86	431	341
Total	46.02	508.84		
Paras				
Unit 3	4.72	47.31	222	185
Unit 4	4.68	47.37	220	190
Total	9.41	94.68		
Khaparkheda				
Unit 1	3.67	33.10	165	135
Unit 2	3.78	35.62	160	140
Unit 3	3.85	35.21	165	150
Unit 4	3.87	27.62	163	153
Unit 5	9.46	96.88	500	380
Total	24.63	228.43		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.03	42.26	202	160
Unit 5	4.04	42.12	196	156
Total	8.06	84.38		
Uran				
All Units	10.35	98.53	450	420
Total	10.35	98.53		
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)	0.05	0.49	24	0
Total	0.05	0.49		
Koyna				
Stage 1-2	1.58	22.66	365	40
Stage 4	0.00	3.65	0	0
Stage 3	0.38	6.64	80	0
Total	1.96	32.95		
Hydro				
KDPH	0.49	2.08	21	20
VTRNA	0.99	8.26	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	2.53	63	0
RNGR+BHTSA	0.25	1.74	11	10
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.36	0	0
GHATGHAR	0.11	3.89	107	0
Total	2.06	20.60		
Wind				
Total	19.41	221.42	0	0
Total	19.41	221.42		
CPP				
APML(Mus)	48.07	443.25	0	0
JSWEL(Mus)	15.21	154.84	0	0
VIPL(Mus)	5.26	57.87	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	3.78	32.52	0	0
Other(Mus)	2.90	32.20	0	0
Total	75.22	835.80		
SOLAR				
Total	1.42	13.99	0	0
Total	1.42	13.99		
Tata				
Trombay 5	7.67	93.04	471	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	28.27	122	116
Trombay 7B	1.58	15.59	67	64
Trombay 8	4.92	52.46	241	199
TATA Hydro	3.67	40.20	362	0
Total	20.76	229.56		
R-INFRA				
DTPS U-1&2	9.51	101.45	508	388
Total	9.51	101.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.09	1513.50	MSPGCL Total	161.45	1665.59
			MSPGCL Thml+Gas	157.44	1612.04	Koyna 1,2 & 4 Total	1.58	26.32
			MSPGCL Hydro	4.01	53.55	State Total	287.78	3067.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jun/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	6551	178	425	7154	294	3432	0	0	3975	3790	-1204	13466	0	13466	2604	16070	49.99
2	6406	71	426	6903	296	3401	0	0	3981	3709	-1020	13289	0	13289	2311	15600	49.99
3	6013	76	445	6534	318	3343	0	0	3675	3661	-987	12869	0	12869	2084	14953	49.98
4	5982	76	429	6487	403	3315	0	0	3716	3582	-882	12905	0	12905	1970	14875	49.99
5	5957	71	439	6467	552	3285	0	0	3646	3377	-850	12831	0	12831	1934	14765	49.98
6	5798	91	430	6319	721	3035	0	0	4192	4041	-891	13225	0	13225	1974	15199	49.97
7	5759	397	450	6606	752	2907	0	8	3894	4764	-878	14159	0	14159	1961	16120	49.97
8	5739	141	430	6310	774	2915	0	40	4310	4625	-982	13682	0	13682	2065	15747	50.01
9	5777	131	439	6347	742	2923	0	104	4497	4791	-1056	13851	0	13851	2176	16027	49.98
10	5998	312	426	6736	688	2908	0	159	4050	4727	-1228	13990	0	13990	2522	16512	49.96
11	6006	283	436	6725	748	2924	0	175	4763	4900	-1301	14171	0	14171	2751	16922	49.97
12	6044	215	434	6693	655	3125	0	199	5303	5242	-1351	14563	0	14563	2799	17362	49.94
13	6148	215	422	6785	586	3292	0	212	5165	5027	-1344	14558	0	14558	2773	17331	49.95
14	6232	216	433	6881	526	3364	0	147	5094	4650	-1292	14276	0	14276	2679	16955	49.98
15	6214	163	420	6797	749	3346	0	147	5264	4912	-1354	14597	0	14597	2672	17269	49.97
16	6133	136	421	6690	922	3189	0	129	5189	4837	-1330	14437	0	14437	2659	17096	49.99
17	6184	131	428	6743	1044	3066	0	70	5051	4699	-1339	14283	0	14283	2655	16938	50.00
18	6286	136	431	6853	1447	2941	0	29	4410	3947	-1291	13926	0	13926	2616	16542	49.98
19	6400	173	420	6993	1385	2935	0	2	3764	3790	-1242	13863	0	13863	2575	16438	49.98
20	6340	199	432	6971	1458	2930	0	0	4481	4130	-1283	14206	0	14206	2619	16825	49.94
21	6206	136	422	6764	1205	2948	0	0	4220	4261	-1318	13860	0	13860	2691	16551	49.97
22	6217	211	435	6863	1194	2994	0	0	4106	4210	-1212	14049	0	14049	2568	16617	49.97
23	6364	151	425	6940	1111	3316	0	0	4100	3982	-1331	14018	0	14018	2488	16506	49.98
24	6336	104	448	6888	841	3381	0	0	4057	4043	-1338	13815	0	13815	2429	16244	50.02
MUs	147.09	4.01	10.35	161.45	19.41	75.22	0.00	1.42	104.90	103.70	-28.30	332.90	0.00	332.90	58.57	391.47	49.98

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/Jun/2017

Position as on 6.30 Hrs of 11/Jun/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 3	210	05/06/2017	23.24		Continued.	AOH.	
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-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	Adani U-5	660	28/05/2017	18.09		Continued.	EARTH FAULT PROTECTION STAGE 1 OPERATED.	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	29/05/2017	23.51		Continued.	GT Problem	
MSPGCL	Parli Unit 8	250	31/05/2017	21.56		Continued.	Coal Shortage	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule.	

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

Position as on 6.30 Hrs of 11/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 7	500	09/06/2017	20.45	10/06/2017	09.02	HEAVY STEAM LEAKAGE.	
MSPGCL	Koradi Unit-8	660	11/06/2017	00.20		Continued.	Air duct Leakage	
TPC-G	Trombay 7B	60	11/06/2017	11.40	11/06/2017	13.50	H.P.Drum Pressure Low.	

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

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	10/06/2017	22.21	11/06/2017	01.32	PO	maintenance of filter at padgha
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	08/06/2017	19.25		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	10/06/2017	09.17	10/06/2017	11.20	T	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	09/06/2017	20.01		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/06/2017	08.32	10/06/2017	17.39	PO	Line Maintenance work
New Koyna - Dabhol - II	IntraState	10/06/2017	10.15	10/06/2017	17.20	PO	String Replacement work
Karad -kolhapur-I	IntraState	11/06/2017	17.29		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/06/2017	18.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	10/06/2017	04.13	10/06/2017	05.05	T	NDR Operated
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	10/06/2017	04.13	10/06/2017	05.00	T	NDR Operated
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	10/06/2017	10.10	10/06/2017	17.43	PO	Routine Maintenance Work
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	10/06/2017	11.17	10/06/2017	12.47	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Solapur(PG)- Jeur	InterState	10/06/2017	18.56	11/06/2017	16.56	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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Nanded-Ghatodi	IntraState	06/06/2017	16.28		Continued.	HT	to control line loading.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	10/06/2017	10.00	10/06/2017	19.07	PO	Line Maintenance work
Vita-Khanapur(Mahuli Tap)	IntraState	10/06/2017	10.16	10/06/2017	11.14	PO	CT Maintenance Work
Bhosari- Bhosari 2	IntraState	10/06/2017	11.00	10/06/2017	14.04	PO	Routine Maintenance Work
220KV Chalisagaon-Kopergaon	IntraState	10/06/2017	11.18	10/06/2017	16.28	PO	Line Maintenance work
Tembhurni - Jeur	IntraState	10/06/2017	19.55	10/06/2017	20.40	T	Distance Protection
TPC Borivali Aarey Line 1	IntraState	11/06/2017	01.57	11/06/2017	04.53	PO	Line Maintenance work
Deepnagar Amalner	IntraState	11/06/2017	02.45	11/06/2017	10.36	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)
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	07/06/2017	11.00		Continued.	PO	HV Breaker replacement
220kV 200MVA ICT IV @ OCR Nashik	IntraState	10/06/2017	09.21	10/06/2017	13.05	PO	JUMPER REPLECEMENT WORK
132 KV LINE Outages/Trippings							

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/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jalna (220kv) - Rajur 2	IntraState	11/06/2017	00.31	11/06/2017	13.22	T	Distance Protection
Jalna (220kv) - Rajur 1	IntraState	11/06/2017	00.31	11/06/2017	00.55	T	Distance Protection