

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jun/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.805	1366.415	1) Gujrat	-4.476	-12.890
2) Hydro	5.393	49.541	2) Madhya Pradesh	9.863	105.213
3) Gas	10.322	88.187	3) Chattisgarh	6.600	57.900
Total MSPGCL	166.520	1504.143	4) Maharashtra Net	95.787	937.610
B) 1) APML	48.228	395.184	5) Goa (Amona)	-0.330	-3.938
2) JSWEL	14.422	139.627	Total	107.444	1083.895
3) VIPL	5.444	52.607	a) Mumbai Schedule	27.169	265.187
4) RPL(AMT)	1.097	115.123	b) Mumbai Drawl	33.737	307.373
5) WPCL	4.016	28.743	c) MSEDCL Bilateral *	7.660	221.740
6) PGPL	0.000	0.000	Include PX	-7.062	55.435
7) Other IPP	2.944	29.294	d) Mumbai Bilateral *	27.169	265.059
C) 1) TPCL Thermal	12.536	132.918	Include PX	4.491	81.083
2) TPCL Hydro	3.383	36.528	Include Standby	0.000	0.128
3) TPCL Gas	4.423	39.356	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.441	91.941	1) MSEDCL	340.688	3255.816
D) STATE			2) Mumbai Discoms	63.520	608.116
1) Thermal	248.933	2351.852	TOTAL STATE	404.208	3863.932
(A1+C1+C4+(B1-B6))					
2) Hydro	8.776	86.069			
(A2+C2)					
3) Gas	14.745	127.543			
(A3+B6+C3)					
4) Wind	23.165	202.005			
6) SOLAR	1.145	12.568			
TOTAL STATE	296.764	2780.037			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6235	6408	6294	6008
MSPGCL Hydro	462	689	255	51
MSPGCL Gas	428	417	422	441
MSPGCL Total Generation	7125	7514	6971	6500
Central Sector Receipt	5260	5515	4078	3884
WIND	652	575	1151	1198
CPP / IPP Thermal	3147	3295	3386	3000
CPP / IPP Gas	0	0	0	0
SOLAR	164	156	0	0
Exchange with Mumbai	-1714	-1793	-1618	-891
MSEDCL DEMAND MET	14634	15262	13968	13691
Load Shedding	0	0	0	0
MSEDCL DEMAND	14634	15262	13968	13691
TPCL GENERATION	1070	987	809	705
R-INFRA GENERATION	389	389	389	389
MUMBAI DEMAND	3173	3169	2816	1985
STATE DEMAND MET	17807	18431	16784	15676
STATE DEMAND	17807	18431	16784	15676
Frequency (Hz)	49.94	49.99	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.06 Hrs	49.84 Hz at 10.12 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 09/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	3.64	22.96	155	145
Unit 8	7.72	68.82	334	300
Unit 9	7.64	78.15	337	300
Unit 10	7.40	69.33	330	280
Total	26.40	239.26		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.99	35.78	185	160
Unit 4	9.53	86.28	490	355
Unit 5	9.58	84.97	500	370
Total	23.10	207.03		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.07	46.55	250	190
Unit 7	4.43	45.37	252	0
Unit 8	0.00	0.00	0	0
Total	9.50	91.93		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.32	39.21	198	170
Unit 5	8.66	79.99	390	320
Unit 6	9.33	84.11	430	345
Unit 7	7.93	82.32	433	0
Unit 8	8.76	76.48	422	336
Unit 9	9.75	81.00	468	358
Total	48.75	462.82		
Paras				
Unit 3	4.78	42.58	230	166
Unit 4	4.78	42.69	225	187
Total	9.56	85.27		
Khaparkheda				
Unit 1	3.67	29.43	170	125
Unit 2	3.93	31.84	175	160
Unit 3	3.90	31.36	172	160
Unit 4	3.80	23.75	171	149
Unit 5	9.88	87.42	500	370
Total	25.18	203.80		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.13	38.23	201	159
Unit 5	4.17	38.08	195	165
Total	8.30	76.32		
Uran				
All Units	10.32	88.19	449	416
Total	10.32	88.19		
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)	0.07	0.44	24	0
Total	0.07	0.44		
Koyna				
Stage 1-2	1.90	21.09	255	40
Stage 4	0.28	3.65	184	0
Stage 3	0.81	6.26	160	0
Total	2.99	31.00		
Hydro				
KDPH	0.29	1.59	21	0
VTRNA	1.00	7.28	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	2.31	77	0
RNGR+BHTSA	0.25	1.48	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	0.62	3.78	245	0
Total	2.40	18.54		
Wind				
Total	23.16	202.00	0	0
Total	23.16	202.00		
CPP				
APML(Mus)	48.23	395.18	0	0
JSWEL(Mus)	14.42	139.63	0	0
VIPL(Mus)	5.44	52.61	0	0
RPLAMT(Mus)	1.10	115.12	0	0
WPCL(Mus)	4.02	28.74	0	0
Other(Mus)	2.94	29.29	0	0
Total	76.15	760.58		
SOLAR				
Total	1.14	12.57	0	0
Total	1.14	12.57		
Tata				
Trombay 5	7.59	85.37	428	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.86	25.35	123	99
Trombay 7B	1.57	14.00	67	59
Trombay 8	4.94	47.54	248	200
TATA Hydro	3.38	36.53	381	0
Total	20.34	208.80		
R-INFRA				
DTPS U-1&2	9.44	91.94	492	388
Total	9.44	91.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.80	1366.42	MSPGCL Total	166.52	1504.14
			MSPGCL Thml+Gas	161.13	1454.60	Koyna 1,2 & 4 Total	2.18	24.74
			MSPGCL Hydro	5.39	49.54	State Total	296.76	2780.04

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	6027	61	441	6529	1107	3369	0	0	4403	4505	-1354	14156	0	14156	2431	16587	49.99
2	6044	51	440	6535	1238	3153	0	0	4223	4258	-1098	14086	0	14086	2187	16273	49.98
3	5985	51	438	6474	1236	3043	0	0	3832	4006	-964	13795	0	13795	2058	15853	49.98
4	6008	51	441	6500	1198	3000	0	0	3779	3884	-891	13691	0	13691	1985	15676	50.00
5	6015	51	428	6494	882	2868	0	0	3976	4339	-861	13722	0	13722	1955	15677	49.97
6	6045	56	449	6550	884	2836	0	0	4362	4637	-919	13988	0	13988	2012	16000	49.96
7	6751	214	430	7395	784	3084	0	8	4332	4552	-925	14898	0	14898	2019	16917	49.99
8	6778	121	439	7338	811	3343	0	47	4420	3991	-1111	14419	0	14419	2204	16623	50.00
9	6267	214	447	6928	1017	3113	0	100	4576	4741	-1219	14680	0	14680	2402	17082	49.99
10	6177	382	424	6983	947	3097	0	134	4728	4603	-1498	14266	0	14266	2831	17097	49.98
11	6178	334	421	6933	930	3101	0	168	5083	4957	-1736	14353	0	14353	3134	17487	49.95
12	6235	462	428	7125	652	3147	0	164	5193	5260	-1714	14634	0	14634	3173	17807	49.94
13	6408	689	417	7514	575	3295	0	156	5230	5515	-1793	15262	0	15262	3169	18431	49.99
14	6632	297	416	7345	577	3300	0	148	5363	5295	-1695	14970	0	14970	3038	18008	49.98
15	6432	149	425	7006	994	3312	0	121	5562	5113	-1750	14796	0	14796	3099	17895	49.99
16	6203	140	417	6760	1329	3171	0	63	5416	5159	-1784	14698	0	14698	3137	17835	49.97
17	6185	136	425	6746	1341	2972	0	30	5059	4658	-1730	14017	0	14017	3091	17108	49.99
18	6221	130	417	6768	1344	2855	0	6	4125	3813	-1607	13179	0	13179	3000	16179	49.99
19	6204	178	434	6816	1156	2871	0	0	3681	3983	-1496	13330	0	13330	2843	16173	49.98
20	6255	267	422	6944	1007	3033	0	0	4243	4246	-1572	13658	0	13658	2838	16496	49.97
21	6294	255	422	6971	1151	3386	0	0	4049	4078	-1618	13968	0	13968	2816	16784	49.97
22	6395	410	442	7247	949	3536	0	0	3693	3801	-1578	13955	0	13955	2728	16683	49.97
23	6548	305	423	7276	666	3644	0	0	3864	4086	-1457	14215	0	14215	2653	16868	49.96
24	6518	389	436	7343	390	3620	0	0	3885	3964	-1367	13950	0	13950	2717	16667	49.98
MUs	150.80	5.39	10.32	166.52	23.16	76.15	0.00	1.15	107.08	107.44	-33.74	340.69	0.00	340.69	63.52	404.21	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 09/Jun/2017

Position as on 6.30 Hrs of 10/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 09/Jun/2017

Position as on 6.30 Hrs of 10/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	Parli Unit 7	250	09/06/2017	11.35	09/06/2017	13.54	Loss of fuel	
MSPGCL	Chandrapur Unit 7	500	09/06/2017	20.45	10/06/2017	09.02	HEAVY STEAM LEAKAGE.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 10/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		Continued.	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
Akola Wardha li	InterState	09/06/2017	11.29	09/06/2017	16.26	PO	Routine Maintenance Work
Koradi Bhilai	InterState	09/06/2017	13.11	09/06/2017	13.35	PO	WORK AT BHILAI.
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	10/06/2017	09.17	10/06/2017	11.20	T	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/06/2017	19.10	09/06/2017	07.22	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	08/06/2017	13.42	09/06/2017	09.08	PO	CVT Replacement.
Padghe - Kalwa-II	IntraState	09/06/2017	06.30	09/06/2017	12.01	EO	Y Phase Insulator String Dcapping Replacement Work @ Loc No.1132.
New Koyna - Dabhol - li	IntraState	09/06/2017	08.27	09/06/2017	19.07	PO	REPLACEMENT OF INSULATOR STRING.
Koradi-Bhusawal	IntraState	09/06/2017	09.58	09/06/2017	10.26	PO	Annual Maintenance Work
Koradi-Bhusawal	IntraState	09/06/2017	12.09	09/06/2017	12.45	PO	TO TAKE LINE REACTOR IN SERVICE.
Girwali - Lonikand 1	IntraState	09/06/2017	12.35	09/06/2017	17.11	PO	Line Maintenance work
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 - li	IntraState	10/06/2017	10.15	10/06/2017	17.20	PO	String Replacement work
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyna	IntraState	09/06/2017	09.50	09/06/2017	18.15	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	09/06/2017	13.49	09/06/2017	19.29	PO	Routine Maintenance Work
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.
Maisal-Jath I	InterState	09/06/2017	10.45	09/06/2017	16.45	PO	Attending Hot Spot
Solapur(PG)- Jeur	InterState	10/06/2017	18.56		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.
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
Loteparshuram- Dasturi Line	IntraState	09/06/2017	09.00	09/06/2017	18.20	PO	Line Maintenance work
Mahad-Kandalgaon	IntraState	09/06/2017	10.15	09/06/2017	17.56	PO	Insulator Replacement 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 09/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 10/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Satana-Gangapur	IntraState	09/06/2017	12.30	09/06/2017	16.45	PO	Line Maintenance work
Kalwa - Airoli Knowledge Park	IntraState	09/06/2017	12.39	09/06/2017	15.00	PO	Distance Relay Testing Work
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
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
220/132 kv 200MVA ICT II @ Girwali	IntraState	08/06/2017	12.26	09/06/2017	13.47	PO	Oil Top up in OLTC Tank.
100MVA ICT - I @ Boisar-II	IntraState	09/06/2017	08.55	09/06/2017	09.48	PO	LA REPLACEMENT.
220/132 kv 200MVA ICT-V @ Nashik	IntraState	09/06/2017	09.10	09/06/2017	11.31	PO	Attending Hot Spot
220/22 Kv 50 Mva Cgl Ptr 1 @Kalwa	IntraState	09/06/2017	09.23	09/06/2017	13.52	PO	Routine Maintenance Work
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	09/06/2017	13.10	09/06/2017	18.58	PO	Routine Maintenance Work
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							
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	08/06/2017	18.55	09/06/2017	11.11	T	Distance Protection

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