

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jun/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.114	2480.397	1) Gujrat	-2.856	-42.289
2) Hydro	4.276	90.900	2) Madhya Pradesh	8.576	176.216
3) Gas	9.632	161.407	3) Chattisgarh	7.470	113.290
Total MSPGCL	149.022	2732.704	4) Maharashtra Net	100.783	1713.601
B) 1) APML	52.962	785.248	5) Goa (Amona)	-0.330	-6.952
2) JSWEL	17.064	265.954	Total	113.643	1953.866
3) VIPL	5.303	103.324	a) Mumbai Schedule	27.296	473.742
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	35.612	558.311
5) WPCL	4.384	62.125	c) MSEDCL Bilateral *	12.433	321.124
6) PGPL	0.000	0.000	Include PX	-2.980	28.922
7) Other IPP	2.618	55.220	d) Mumbai Bilateral *	27.296	473.614
C) 1) TPCL Thermal	12.940	238.721	Include PX	7.946	127.230
2) TPCL Hydro	3.695	68.110	Include Standby	0.000	0.128
3) TPCL Gas	4.474	75.129	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.331	168.905	1) MSEDCL	331.127	5878.966
D) STATE			2) Mumbai Discoms	66.052	1109.177
1) Thermal	239.716	4275.017	TOTAL STATE	397.179	6988.143
(A1+C1+C4+(B1-B6))					
2) Hydro	7.971	159.010			
(A2+C2)					
3) Gas	14.106	236.536			
(A3+B6+C3)					
4) Wind	19.745	340.500			
6) SOLAR	1.998	23.213			
TOTAL STATE	283.536	5034.276			

* 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 5 Hrs
MSPGCL Thermal	5655	5792	5798	5262
MSPGCL Hydro	111	269	384	200
MSPGCL Gas	383	386	390	413
MSPGCL Total Generation	6149	6447	6572	5875
Central Sector Receipt	5492	5054	4994	4086
WIND	548	1053	1015	627
CPP / IPP Thermal	3485	3796	3446	3030
CPP / IPP Gas	0	0	0	0
SOLAR	267	156	0	0
Exchange with Mumbai	-1727	-1727	-1522	-1044
MSEDCL DEMAND MET	14214	14779	14505	12574
Load Shedding	0	0	0	0
MSEDCL DEMAND	14214	14779	14505	12574
TPCL GENERATION	1044	1058	1057	703
R-INFRA GENERATION	388	389	389	389
MUMBAI DEMAND	3159	3174	2968	2136
STATE DEMAND MET	17373	17953	17473	14710
STATE DEMAND	17373	17953	17473	14710
Frequency (Hz)	49.98	50.02	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12.03 Hrs	49.82 Hz at 19.29 Hrs	49.99	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 17/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	3.37	49.78	153	125
Unit 8	9.24	105.08	490	315
Unit 9	11.37	158.17	590	430
Unit 10	11.24	146.43	523	430
Total	35.22	459.46		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	8.78	155.56	380	320
Unit 5	8.96	135.62	390	360
Total	17.74	339.85		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	0.02	15.86	23	0
Total	0.02	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	0.00	69.04	0	0
Unit 5	8.96	151.85	400	338
Unit 6	9.60	159.34	440	350
Unit 7	9.70	153.43	454	356
Unit 8	9.58	147.23	478	332
Unit 9	9.72	156.95	500	300
Total	47.57	857.55		
Paras				
Unit 3	4.72	81.34	221	184
Unit 4	4.46	80.89	208	160
Total	9.19	162.23		
Khaparkheda				
Unit 1	3.32	56.12	150	115
Unit 2	0.00	49.37	0	0
Unit 3	0.60	53.14	139	0
Unit 4	3.80	53.02	164	151
Unit 5	9.06	165.18	460	360
Total	16.78	376.82		
Nasik				
Unit 3	1.64	1.64	195	0
Unit 4	4.29	71.49	205	158
Unit 5	2.66	69.70	199	0
Total	8.59	142.82		
Uran				
All Units	9.63	161.41	423	382
Total	9.63	161.41		
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)	0.03	0.88	22	0
Total	0.03	0.88		
Koyna				
Stage 1-2	2.16	38.68	270	40
Stage 4	0.00	5.55	0	0
Stage 3	0.64	11.22	118	0
Total	2.80	55.44		
Hydro				
KDPH	0.25	3.96	11	10
VTRNA	0.77	14.90	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.16	80	0
RNGR+BHTSA	0.00	2.68	0	0
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.36	0	0
GHATGHAR	0.17	7.66	125	0
Total	1.47	35.46		
Wind				
Total	19.74	340.50	0	0
Total	19.74	340.50		
CPP				
APML(Mus)	52.96	785.25	0	0
JSWEL(Mus)	17.06	265.95	0	0
VIPL(Mus)	5.30	103.32	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.38	62.12	0	0
Other(Mus)	2.62	55.22	0	0
Total	82.33	1386.99		
SOLAR				
Total	2.00	23.21	0	0
Total	2.00	23.21		
Tata				
Trombay 5	7.88	151.22	423	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	48.61	122	119
Trombay 7B	1.58	26.52	66	65
Trombay 8	5.06	87.50	236	203
TATA Hydro	3.70	68.11	361	18
Total	21.11	381.96		
R-INFRA				
DTPS U-1&2	9.33	168.90	390	388
Total	9.33	168.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.11	2480.40	MSPGCL Total	149.02	2732.70
			MSPGCL Thml+Gas	144.75	2641.80	Koyna 1,2 & 4 Total	2.16	44.23
			MSPGCL Hydro	4.28	90.90	State Total	283.54	5034.28

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	5305	50	423	5778	1133	3111	0	0	4686	4670	-1580	13112	0	13112	2719	15831	49.97
2	5264	55	414	5733	1228	3046	0	0	4291	4206	-1419	12794	0	12794	2509	15303	49.98
3	5215	50	412	5677	1071	2976	0	0	4281	3910	-1188	12446	0	12446	2278	14724	49.97
4	5262	55	413	5730	898	2908	0	0	3943	4141	-1081	12596	0	12596	2173	14769	49.96
5	5262	200	413	5875	627	3030	0	0	3749	4086	-1044	12574	0	12574	2136	14710	49.99
6	5260	215	422	5897	418	3296	0	0	4186	4618	-1073	13156	0	13156	2162	15318	49.99
7	5635	185	413	6233	355	3587	0	7	4530	4633	-1044	13771	0	13771	2149	15920	49.98
8	5742	101	412	6255	295	3781	0	62	4611	4519	-1094	13818	0	13818	2221	16039	50.04
9	5605	107	410	6122	305	3733	0	137	4871	4658	-1295	13660	0	13660	2478	16138	50.06
10	5659	109	403	6171	358	3508	0	175	4965	4966	-1597	13581	0	13581	2895	16476	50.01
11	5575	135	397	6107	465	3484	0	261	5125	5351	-1670	13998	0	13998	3037	17035	49.99
12	5655	111	383	6149	548	3485	0	267	5516	5492	-1727	14214	0	14214	3159	17373	49.98
13	5735	177	382	6294	578	3484	0	306	5470	5186	-1746	14102	0	14102	3172	17274	49.99
14	5515	195	394	6104	565	3415	0	233	5343	5533	-1711	14139	0	14139	3109	17248	50.01
15	5699	251	392	6342	729	3550	0	213	5051	5411	-1753	14492	0	14492	3182	17674	50.00
16	5792	269	386	6447	1053	3796	0	156	5086	5054	-1727	14779	0	14779	3174	17953	50.02
17	5618	110	386	6114	1507	3546	0	114	4959	4563	-1699	14145	0	14145	3136	17281	50.02
18	5575	210	394	6179	1356	3091	0	58	4431	4624	-1621	13687	0	13687	3035	16722	49.94
19	5887	188	398	6473	1339	3192	0	9	4942	3953	-1543	13423	0	13423	2893	16316	50.01
20	5678	238	398	6314	1245	3253	0	0	4649	5023	-1462	14373	0	14373	2906	17279	49.90
21	5798	384	390	6572	1015	3446	0	0	4647	4994	-1522	14505	0	14505	2968	17473	49.99
22	6116	458	399	6973	861	3701	0	0	4504	4551	-1577	14509	0	14509	2881	17390	49.99
23	6232	232	399	6863	937	3925	0	0	4571	4881	-1686	14920	0	14920	2796	17716	49.96
24	6030	191	399	6620	859	3991	0	0	4199	4620	-1753	14337	0	14337	2884	17221	49.94
MUs	135.11	4.28	9.63	149.02	19.74	82.33	0.00	2.00	112.61	113.64	-35.61	331.13	0.00	331.13	66.05	397.18	49.99

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 17/Jun/2017

Position as on 6.30 Hrs of 18/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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda Unit 2	210	14/06/2017	23.16		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	
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	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30	17/06/2017	12.45	BTL(Converted to Zero schedule by MSEDCL. from 19.02 Hrs Dt.01.06.2017.	
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 by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Jun/2017

Position as on 6.30 Hrs of 18/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
IPP	Adani U-1	660	15/06/2017	17.27		Continued.	IP Turbine Peripheral Leakage	
MSPGCL	Khaparkheda Unit 3	210	15/06/2017	18.02	17/06/2017	18.42	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	16/06/2017	20.31		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	17/06/2017	15.35		Continued.	Zero schedule by MSEDCL	
MSPGCL	Chandrapur Unit-8	500	18/06/2017	02.15		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 18/Jun/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 I	InterState	14/06/2017	19.04		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshwar.
Bhusawal-Aurangabad	IntraState	12/06/2017	18.06	18/06/2017	08.53	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/06/2017	21.29	17/06/2017	10.53	HT	Over Voltage
karad - kolhapur-I	IntraState	15/06/2017	16.35	17/06/2017	10.22	HT	Over Voltage
Koradi-India Bulls	IntraState	15/06/2017	18.40	18/06/2017	13.59	T	Over Voltage
Taptitanda Waluj	IntraState	17/06/2017	13.14	17/06/2017	15.10	PO	Tightening of Bolt & Fitting of Quarter Pin.
karad - kolhapur-II	IntraState	17/06/2017	18.13		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/06/2017	18.54		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/06/2017	18.01		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	17/06/2017	14.14	17/06/2017	16.24	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.
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
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
New Koyana - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Chikhli-Jalna-I	IntraState	17/06/2017	03.20	17/06/2017	03.34	T	Distance Protection
Kalwa - Mulund 1	IntraState	17/06/2017	06.26	17/06/2017	08.46	PO	Attending Hot Spot
Kandalgaon - Sona Alloys	IntraState	17/06/2017	09.15	17/06/2017	17.40	PO	TREE CUTTING WORK
Bus Coupler @ Babhaleshwar	IntraState	17/06/2017	09.59	17/06/2017	10.10	PO	COMMISSIONING OF RELAY
220KV Chalisagaon-Kopergaon	IntraState	17/06/2017	12.25	17/06/2017	16.28	PO	Insulator Replacement Work
Ambazari-Kalmeshwar	IntraState	17/06/2017	14.13	17/06/2017	17.05	PO	Attending Hot Spot
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Dasturi-Kandalgaon Line	IntraState	18/06/2017	10.25	18/06/2017	17.35	PO	Line Maintenance work
Satana-Gangapur	IntraState	18/06/2017	18.02		Continued.	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 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	17/06/2017	11.30	17/06/2017	12.00	PO	Routine Maintenance Work
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	17/06/2017	12.20	17/06/2017	13.00	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Deepnagar- Muktainagar	IntraState	17/06/2017	04.20	17/06/2017	04.35	T	Distance Protection
Harngul - Chakur	IntraState	17/06/2017	22.10	17/06/2017	22.21	T	Distance Protection
Kanhan-Pardi	IntraState	18/06/2017	18.23	18/06/2017	20.59	T	Distance Protection

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