

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jun/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.103	3689.519	1) Gujrat	-0.832	-60.732
2) Hydro	3.356	131.813	2) Madhya Pradesh	12.630	290.139
3) Gas	9.486	246.309	3) Chattisgarh	7.540	187.900
Total MSPGCL	116.945	4067.641	4) Maharashtra Net	78.610	2678.140
B) 1) APML	54.945	1378.406	5) Goa (Amona)	-0.506	-10.802
2) JSWEL	15.080	428.557	Total	97.442	3084.645
3) VIPL	5.083	157.381	a) Mumbai Schedule	21.815	742.273
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	31.541	909.357
5) WPCL	2.587	97.302	c) MSEDCL Bilateral *	11.308	461.916
6) PGPL	0.000	0.000	Include PX	-3.296	3.657
7) Other IPP	2.520	82.910	d) Mumbai Bilateral *	21.815	740.014
C) 1) TPCL Thermal	12.271	345.519	Include PX	6.368	233.629
2) TPCL Hydro	3.504	104.999	Include Standby	0.000	2.259
3) TPCL Gas	3.264	112.216	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.334	271.335	1) MSEDCL	313.491	9296.071
D) STATE			2) Mumbai Discoms	59.914	1743.422
1) Thermal	205.923	6566.052	TOTAL STATE	373.405	11039.493
(A1+C1+C4+(B1-B6))					
2) Hydro	6.860	236.812			
(A2+C2)					
3) Gas	12.750	358.525			
(A3+B6+C3)					
4) Wind	49.086	751.555			
6) SOLAR	1.344	41.908			
TOTAL STATE	275.963	7954.852			

* 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	4258	4247	4484	4303
MSPGCL Hydro	128	45	236	120
MSPGCL Gas	396	396	402	390
MSPGCL Total Generation	4782	4688	5122	4813
Central Sector Receipt	4667	4496	4599	2960
WIND	2118	2176	2102	1885
CPP / IPP Thermal	3310	3287	3300	3341
CPP / IPP Gas	0	0	0	0
SOLAR	213	176	0	0
Exchange with Mumbai	-1683	-1624	-1384	-849
MSEDCL DEMAND MET	13407	13199	13739	12150
Load Shedding	0	0	0	0
MSEDCL DEMAND	13407	13199	13739	12150
TPCL GENERATION	929	943	917	633
R-INFRA GENERATION	389	388	389	390
MUMBAI DEMAND	3001	2955	2690	1872
STATE DEMAND MET	16408	16154	16429	14022
STATE DEMAND	16408	16154	16429	14022
Frequency (Hz)	49.94	49.94	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 22.57 Hrs	49.82 Hz at 19.46 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 27/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	0.00	59.96	0	0
Unit 8	10.42	201.77	480	380
Unit 9	9.04	248.65	473	304
Unit 10	8.23	234.41	460	0
Total	27.69	744.78		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	0.00	209.26	0	0
Unit 5	0.00	207.47	0	0
Total	0.00	465.39		
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	0.00	15.86	0	0
Total	0.00	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	3.99	100.52	183	148
Unit 5	8.68	241.01	380	337
Unit 6	8.87	251.39	405	345
Unit 7	8.71	245.63	393	355
Unit 8	8.69	211.11	425	324
Unit 9	8.70	249.93	454	315
Total	47.64	1319.30		
Paras				
Unit 3	4.53	129.38	200	145
Unit 4	0.00	95.06	0	0
Total	4.53	224.44		
Khaparkheda				
Unit 1	3.62	91.04	160	110
Unit 2	0.00	49.37	0	0
Unit 3	4.03	90.54	187	124
Unit 4	0.00	82.77	0	0
Unit 5	8.72	257.39	370	360
Total	16.37	571.11		
Nasik				
Unit 3	3.91	41.38	166	160
Unit 4	3.96	111.78	169	162
Unit 5	0.00	69.70	0	0
Total	7.87	222.85		
Uran				
All Units	9.49	246.31	405	379
Total	9.49	246.31		
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)	0.00	1.88	0	0
Total	0.00	1.88		
Koyna				
Stage 1-2	1.28	56.12	105	40
Stage 4	0.09	6.24	45	0
Stage 3	1.19	18.86	160	0
Total	2.56	81.23		
Hydro				
KDPH	0.00	4.88	0	0
VTRNA	0.00	22.29	0	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	7.04	80	0
RNGR+BHTSA	0.00	4.30	0	0
BHANDARDRA	0.35	1.84	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.91	0	0
GHATGHAR	0.00	8.95	0	0
Total	0.79	50.58		
Wind				
Total	49.09	751.56	0	0
Total	49.09	751.56		
CPP				
APML(Mus)	54.94	1378.41	0	0
JSWEL(Mus)	15.08	428.56	0	0
VIPL(Mus)	5.08	157.38	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.59	97.30	0	0
Other(Mus)	2.52	82.91	0	0
Total	80.22	2259.68		
SOLAR				
Total	1.34	41.91	0	0
Total	1.34	41.91		
Tata				
Trombay 5	7.42	204.89	317	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.99	71.73	101	50
Trombay 7B	1.28	40.49	60	40
Trombay 8	4.85	140.63	204	198
TATA Hydro	3.50	105.00	327	0
Total	19.04	562.73		
R-INFRA				
DTPS U-1&2	9.33	271.34	390	388
Total	9.33	271.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	104.10	3689.52	MSPGCL Total	116.94	4067.64
			MSPGCL Thml+Gas	113.59	3935.83	Koyna 1,2 & 4 Total	1.37	62.37
			MSPGCL Hydro	3.36	131.81	State Total	275.96	7954.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4268	159	392	4819	1715	3318	0	0	4153	3977	-1269	12560	0	12560	2263	14823	50.00
2	4238	145	403	4786	1799	3333	0	0	3901	3666	-1106	12478	0	12478	2098	14576	50.01
3	4257	120	393	4770	1777	3325	0	0	3359	3266	-960	12178	0	12178	1958	14136	49.97
4	4284	125	401	4810	1830	3330	0	0	3339	3112	-905	12177	0	12177	1903	14080	49.94
5	4303	120	390	4813	1885	3341	0	0	3155	2960	-849	12150	0	12150	1872	14022	49.96
6	4353	100	404	4857	1883	3340	0	0	4132	3757	-906	12931	0	12931	1925	14856	50.01
7	4451	79	390	4920	1832	3413	0	11	4300	4563	-980	13759	0	13759	2023	15782	49.97
8	4619	96	402	5117	2035	3537	0	67	4455	4208	-1127	13837	0	13837	2181	16018	50.04
9	4353	207	379	4939	1984	3360	0	136	4384	4662	-1462	13619	0	13619	2544	16163	50.00
10	4292	320	396	5008	2046	3356	0	162	4019	4316	-1478	13410	0	13410	2705	16115	49.97
11	4262	263	389	4914	2114	3321	0	185	4390	4419	-1626	13327	0	13327	2998	16325	50.02
12	4258	128	396	4782	2118	3310	0	213	5151	4667	-1683	13407	0	13407	3001	16408	49.94
13	4247	45	396	4688	2176	3287	0	176	4648	4496	-1624	13199	0	13199	2955	16154	49.94
14	4380	50	389	4819	2181	3292	0	109	3958	4334	-1524	13211	0	13211	2859	16070	50.00
15	4516	40	396	4952	2241	3263	0	99	4508	4186	-1534	13207	0	13207	2831	16038	50.00
16	4543	40	382	4965	2258	3254	0	84	3662	4025	-1530	13056	0	13056	2852	15908	49.98
17	4525	65	395	4985	2363	3252	0	63	3361	4030	-1525	13168	0	13168	2892	16060	49.99
18	4493	131	386	5010	2289	3266	0	33	3030	3569	-1540	12627	0	12627	2865	15492	50.02
19	4563	159	401	5123	2204	3288	0	6	3124	3637	-1470	12788	0	12788	2722	15510	49.97
20	4484	236	402	5122	2102	3300	0	0	3820	4599	-1384	13739	0	13739	2690	16429	49.93
21	4396	318	402	5116	2161	3367	0	0	4251	4400	-1318	13726	0	13726	2612	16338	49.96
22	4198	170	394	4762	2057	3467	0	0	4250	4320	-1282	13324	0	13324	2473	15797	49.98
23	4033	160	403	4596	2094	3463	0	0	4178	4076	-1293	12936	0	12936	2407	15343	50.03
24	3787	80	405	4272	1942	3430	0	0	4004	4197	-1166	12675	0	12675	2285	14960	50.00
MUs	104.10	3.36	9.49	116.94	49.09	80.22	0.00	1.34	95.53	97.44	-31.54	313.49	0.00	313.49	59.91	373.41	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 27/Jun/2017

Position as on 6.30 Hrs of 28/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	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Jun/2017

Position as on 6.30 Hrs of 28/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
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.	
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	
CPP	SWPGL U-4	135	23/06/2017	12.01		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	27/06/2017	21.23	28/06/2017	07.04	Main Steam Line Leakage	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 28/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	22/06/2017	18.30		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2017	03.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	26/06/2017	11.58		Continued.	HT	To attend Hot Spot
Babhaleshtar - Padghe-II	IntraState	28/06/2017	03.56		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/06/2017	04.11		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhaleshtar	IntraState	27/06/2017	10.35	27/06/2017	14.33	PO	shifted on tbc for jumper jointing work.
400/220KV 105MVASpare ICT@Akola	IntraState	27/06/2017	12.54	27/06/2017	15.30	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
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Kharepatan -Pawas Line	IntraState	25/06/2017	18.15		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	27/06/2017	08.40	27/06/2017	09.05	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	27/06/2017	10.20	27/06/2017	19.45	PO	tree cutting work.
Pedambe-Nerle	IntraState	27/06/2017	11.42	27/06/2017	21.20	T	Distance Protection
Pophali - Nerale	IntraState	27/06/2017	12.40		Continued.	T	Distance Protection
Pophali - New Koyna	IntraState	27/06/2017	17.15	27/06/2017	22.07	PO	attending bus jumper problem.
Main Bus Section-I @ Pophali	IntraState	27/06/2017	17.35	27/06/2017	22.55	PO	attending bus jumper problem.
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 200MVA ICT II @ Tilwani	IntraState	27/06/2017	10.12	27/06/2017	14.02	PO	Routine Maintenance Work
220/132kv 100MVA ICT II @Satara Midc	IntraState	27/06/2017	14.15	27/06/2017	15.30	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	27/06/2017	21.03	27/06/2017	21.10	T	Bus Bar Protection Operated
220/132 Kv 200 Mva Bbl Ict 2 @Beed	IntraState	27/06/2017	21.03	27/06/2017	21.10	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Himayatnagar - Tamsa	IntraState	26/06/2017	23.52	27/06/2017	00.17	T	Distance Protection
Waghala (Nanded2) - Tamsa	IntraState	27/06/2017	05.30	27/06/2017	05.38	T	Distance Protection
Beed (220kv) - Georai	IntraState	27/06/2017	21.03	27/06/2017	21.37	T	Bus Bar Protection Operated

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 27/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 28/Jun/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Beed (220kv) - Beed (132kv)	IntraState	27/06/2017	21.03	27/06/2017	21.11	T	Bus Bar Protection Operated
Beed(220kv) -Telgaon	IntraState	27/06/2017	21.03	27/06/2017	21.13	T	Bus Bar Protection Operated