

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jun/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.654	2608.051	1) Gujrat	-3.479	-45.768
2) Hydro	5.549	96.449	2) Madhya Pradesh	8.412	184.628
3) Gas	9.592	170.999	3) Chattisgarh	7.160	120.450
Total MSPGCL	142.795	2875.499	4) Maharashtra Net	97.934	1811.535
B) 1) APML	59.700	844.948	5) Goa (Amona)	-0.330	-7.282
2) JSWEL	16.597	282.551	Total	109.697	2063.563
3) VIPL	6.022	109.346	a) Mumbai Schedule	21.671	495.413
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	32.039	590.350
5) WPCL	4.061	66.186	c) MSEDCL Bilateral *	15.511	336.635
6) PGPL	0.000	0.000	Include PX	-3.383	25.539
7) Other IPP	2.784	58.004	d) Mumbai Bilateral *	21.671	495.285
C) 1) TPCL Thermal	13.084	251.805	Include PX	5.495	132.724
2) TPCL Hydro	0.627	68.737	Include Standby	0.000	0.128
3) TPCL Gas	4.480	79.609	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.566	178.471	1) MSEDCL	337.444	6216.410
D) STATE			2) Mumbai Discoms	59.795	1168.972
1) Thermal	239.468	4514.485	TOTAL STATE	397.239	7385.382
(A1+C1+C4+(B1-B6))					
2) Hydro	6.176	165.186			
(A2+C2)					
3) Gas	14.072	250.608			
(A3+B6+C3)					
4) Wind	25.704	366.204			
6) SOLAR	2.123	25.336			
TOTAL STATE	287.543	5321.819			

* 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 4 Hrs
MSPGCL Thermal	5118	5328	5542	5179
MSPGCL Hydro	390	140	502	153
MSPGCL Gas	391	383	406	404
MSPGCL Total Generation	5899	5851	6450	5736
Central Sector Receipt	5414	4769	4305	3839
WIND	621	1635	1291	1070
CPP / IPP Thermal	3416	3902	3882	3764
CPP / IPP Gas	0	0	0	0
SOLAR	241	186	0	0
Exchange with Mumbai	-1356	-1458	-1290	-1156
MSEDCL DEMAND MET	14235	14885	14638	13253
Load Shedding	0	0	0	0
MSEDCL DEMAND	14235	14885	14638	13253
TPCL GENERATION	749	745	926	738
R-INFRA GENERATION	388	389	494	390
MUMBAI DEMAND	2493	2592	2710	2284
STATE DEMAND MET	16728	17477	17348	15537
STATE DEMAND	16728	17477	17348	15537
Frequency (Hz)	49.96	49.96	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 08.00 Hrs	49.78 Hz at 22.07 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 18/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	3.45	53.23	150	135
Unit 8	8.36	113.44	440	303
Unit 9	8.09	166.26	449	283
Unit 10	9.20	155.63	466	300
Total	29.10	488.56		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	9.30	164.87	470	355
Unit 5	9.56	145.18	480	370
Total	18.86	358.72		
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	0.00	69.04	0	0
Unit 5	9.09	160.93	390	370
Unit 6	10.08	169.43	447	380
Unit 7	10.30	163.74	453	346
Unit 8	0.76	148.00	380	0
Unit 9	10.62	167.57	526	350
Total	40.86	898.41		
Paras				
Unit 3	5.17	86.51	245	189
Unit 4	4.71	85.60	230	158
Total	9.88	172.12		
Khaparkheda				
Unit 1	3.52	59.64	180	105
Unit 2	0.00	49.37	0	0
Unit 3	3.92	57.05	190	145
Unit 4	3.76	56.77	172	135
Unit 5	9.65	174.84	470	380
Total	20.84	397.67		
Nasik				
Unit 3	4.06	5.70	180	164
Unit 4	4.04	75.54	190	162
Unit 5	0.00	69.70	0	0
Total	8.10	150.93		
Uran				
All Units	9.59	171.00	420	381
Total	9.59	171.00		
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	0.91	18	0
Total	0.03	0.91		
Koyna				
Stage 1-2	2.54	41.21	360	40
Stage 4	0.14	5.69	79	0
Stage 3	0.88	12.09	80	0
Total	3.55	58.99		
Hydro				
KDPH	0.24	4.20	11	10
VTRNA	1.06	15.96	60	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	4.28	77	0
RNGR+BHTSA	0.25	2.93	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	0.34	8.00	105	0
Total	2.00	37.46		
Wind				
Total	25.70	366.20	0	0
Total	25.70	366.20		
CPP				
APML(Mus)	59.70	844.95	0	0
JSWEL(Mus)	16.60	282.55	0	0
VIPL(Mus)	6.02	109.35	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.06	66.19	0	0
Other(Mus)	2.78	58.00	0	0
Total	89.16	1476.16		
SOLAR				
Total	2.12	25.34	0	0
Total	2.12	25.34		
Tata				
Trombay 5	8.07	159.29	420	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	51.51	122	118
Trombay 7B	1.58	28.10	67	65
Trombay 8	5.02	92.51	238	202
TATA Hydro	0.63	68.74	88	0
Total	18.19	400.15		
R-INFRA				
DTPS U-1&2	9.57	178.47	494	388
Total	9.57	178.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	127.65	2608.05	MSPGCL Total	142.80	2875.50
			MSPGCL Thml+Gas	137.25	2779.05	Koyna 1,2 & 4 Total	2.67	46.90
			MSPGCL Hydro	5.55	96.45	State Total	287.54	5321.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	6082	207	391	6680	831	3902	0	0	4199	4187	-1616	13984	0	13984	2786	16770	49.97
2	5612	201	401	6214	895	3848	0	0	4496	4165	-1366	13756	0	13756	2540	16296	50.00
3	5208	201	402	5811	936	3773	0	0	4213	4139	-1235	13424	0	13424	2410	15834	49.97
4	5179	153	404	5736	1070	3764	0	0	4174	3839	-1156	13253	0	13253	2284	15537	49.98
5	5182	146	405	5733	1006	3760	0	0	4125	3989	-1148	13340	0	13340	2243	15583	49.96
6	5260	171	406	5837	740	3773	0	0	4352	4613	-1166	13797	0	13797	2264	16061	49.94
7	5372	471	406	6249	522	3799	0	15	4295	4457	-1060	13982	0	13982	2176	16158	49.98
8	5494	251	407	6152	659	3857	0	68	4450	4427	-926	14237	0	14237	2184	16421	50.00
9	5345	60	416	5821	622	3791	0	150	4467	4708	-1158	13934	0	13934	2248	16182	49.99
10	5281	146	389	5816	609	3762	0	222	4549	4430	-1224	13614	0	13614	2328	15942	50.00
11	5100	267	385	5752	686	3615	0	242	4740	5030	-1331	13994	0	13994	2450	16444	49.97
12	5118	390	391	5899	621	3416	0	241	5024	5414	-1356	14235	0	14235	2493	16728	49.96
13	5165	260	392	5817	740	3435	0	277	5006	5155	-1366	14058	0	14058	2502	16560	49.94
14	5185	366	381	5932	1062	3678	0	262	4716	4993	-1378	14549	0	14549	2513	17062	49.99
15	5240	125	391	5756	1205	3841	0	234	4727	4932	-1419	14549	0	14549	2555	17104	49.96
16	5328	140	383	5851	1635	3902	0	186	4672	4769	-1458	14885	0	14885	2592	17477	49.96
17	5182	130	402	5714	1848	3641	0	158	4678	4464	-1430	14395	0	14395	2569	16964	50.01
18	5088	265	391	5744	1772	3220	0	57	4387	4600	-1348	14045	0	14045	2487	16532	49.96
19	5093	177	400	5670	1714	3200	0	11	4435	4389	-1318	13666	0	13666	2458	16124	49.99
20	5343	366	403	6112	1401	3443	0	0	4409	4561	-1385	14132	0	14132	2577	16709	49.91
21	5542	502	406	6450	1291	3882	0	0	4344	4305	-1290	14638	0	14638	2710	17348	49.94
22	5488	134	420	6042	1242	4003	0	0	4489	4605	-1508	14384	0	14384	2742	17126	49.95
23	5296	295	409	6000	1278	3914	0	0	4503	4889	-1710	14371	0	14371	2823	17194	49.92
24	5471	125	411	6007	1319	3943	0	0	4466	4637	-1687	14219	0	14219	2862	17081	50.00
MUs	127.65	5.55	9.59	142.79	25.70	89.16	0.00	2.12	107.92	109.70	-32.04	337.44	0.00	337.44	59.80	397.24	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 18/Jun/2017

Position as on 6.30 Hrs of 19/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 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 MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Jun/2017

Position as on 6.30 Hrs of 19/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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 18/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 19/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
Koradi-India Bulls	IntraState	15/06/2017	18.40	18/06/2017	13.59	T	Over Voltage
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
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
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)
132 KV LINE Outages/Trippings							
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