

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jul/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.257	265.649	1) Gujrat	0.507	-1.447
2) Hydro	4.127	14.771	2) Madhya Pradesh	15.877	47.598
3) Gas	5.885	16.408	3) Chattisgarh	8.340	25.470
Total MSPGCL	104.269	296.828	4) Maharashtra Net	84.345	244.383
B) 1) APML	66.936	196.173	5) Goa (Amona)	-0.484	-1.320
2) JSWEL	7.461	23.091	Total	108.585	314.684
3) VIPL	5.836	16.784	a) Mumbai Schedule	20.366	56.726
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.025	85.402
5) WPCL	3.778	8.965	c) MSEDCL Bilateral *	19.251	50.155
6) PGPL	0.000	0.000	Include PX	1.545	3.337
7) Other IPP	3.016	8.979	d) Mumbai Bilateral *	20.366	56.726
C) 1) TPCL Thermal	12.706	31.711	Include PX	5.995	15.280
2) TPCL Hydro	5.416	14.412	Include Standby	0.000	0.000
3) TPCL Gas	3.427	9.360	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.812	28.914	1) MSEDCL	318.115	936.193
D) STATE			2) Mumbai Discoms	61.386	169.799
1) Thermal	203.802	580.266	TOTAL STATE	379.501	1105.992
(A1+C1+C4+(B1-B6))					
2) Hydro	9.543	29.183			
(A2+C2)					
3) Gas	9.312	25.768			
(A3+B6+C3)					
4) Wind	46.612	151.075			
6) SOLAR	1.647	5.016			
TOTAL STATE	270.916	791.308			

* 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 3 Hrs
MSPGCL Thermal	4260	4014	4217	3590
MSPGCL Hydro	157	101	280	51
MSPGCL Gas	247	247	235	254
MSPGCL Total Generation	4664	4362	4732	3895
Central Sector Receipt	4800	4752	4421	3922
WIND	2285	2519	2008	1530
CPP / IPP Thermal	3925	3734	3840	3415
CPP / IPP Gas	0	0	0	0
SOLAR	228	195	0	0
Exchange with Mumbai	-1737	-1762	-1321	-829
MSEDCL DEMAND MET	14165	13800	13680	11933
Load Shedding	0	0	0	0
MSEDCL DEMAND	14165	13800	13680	11933
TPCL GENERATION	1049	1014	1076	595
R-INFRA GENERATION	388	389	387	390
MUMBAI DEMAND	3174	3165	2784	1814
STATE DEMAND MET	17339	16965	16464	13747
STATE DEMAND	17339	16965	16464	13747
Frequency (Hz)	49.97	49.94	49.89	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 03.02 Hrs	49.69 Hz at 21.10 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 03/Jul/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	0.00	0	0
Unit 8	10.80	26.09	508	380
Unit 9	10.81	25.77	557	370
Unit 10	8.05	21.20	347	320
Total	29.66	73.06		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.26	12.92	189	165
Unit 5	9.15	27.10	410	355
Unit 6	9.46	28.20	435	360
Unit 7	9.53	28.86	450	359
Unit 8	9.56	29.76	450	350
Unit 9	9.63	29.45	459	355
Total	51.59	156.30		
Paras				
Unit 3	5.04	15.02	250	169
Unit 4	0.00	0.00	0	0
Total	5.04	15.02		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	4.01	12.06	202	162
Unit 5	3.96	8.72	170	160
Total	7.97	21.27		
Uran				
All Units	5.88	16.41	259	224
Total	5.88	16.41		
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)	0.16	0.90	47	0
Total	0.16	0.90		
Koyna				
Stage 1-2	2.38	7.04	420	40
Stage 4	0.00	0.63	0	0
Stage 3	0.67	3.01	136	0
Total	3.05	10.67		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.34	0	0
TILLARI	0.24	0.99	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	1.30	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.25	1.06	11	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.14	0.40	125	0
Total	1.08	4.10		
Wind				
Total	46.61	151.08	0	0
Total	46.61	151.08		
CPP				
APML(Mus)	66.94	196.17	0	0
JSWEL(Mus)	7.46	23.09	0	0
VIPL(Mus)	5.84	16.78	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.78	8.96	0	0
Other(Mus)	3.02	8.98	0	0
Total	87.03	253.99		
SOLAR				
Total	1.65	5.02	0	0
Total	1.65	5.02		
Tata				
Trombay 5	8.06	23.89	479	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.09	5.90	96	62
Trombay 7B	1.33	3.46	59	48
Trombay 8	4.64	7.82	239	141
TATA Hydro	5.42	14.41	411	36
Total	21.55	55.48		
R-INFRA				
DTPS U-1&2	9.81	28.91	507	387
Total	9.81	28.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	94.26	265.65	MSPGCL Total	104.27	296.83
			MSPGCL Thml+Gas	100.14	282.06	Koyna 1,2 & 4 Total	2.38	7.66
			MSPGCL Hydro	4.13	14.77	State Total	270.92	791.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Jul/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	3767	56	259	4082	1534	3430	0	0	4077	4316	-990	12372	0	12372	2046	14418	50.03
2	3720	51	255	4026	1646	3418	0	0	3915	3877	-881	12086	0	12086	1905	13991	50.01
3	3590	51	254	3895	1530	3415	0	0	3621	3922	-829	11933	0	11933	1814	13747	49.99
4	3585	51	254	3890	1602	3415	0	0	3658	3907	-758	12056	0	12056	1751	13807	49.99
5	3593	51	253	3897	1796	3415	0	0	3933	3869	-750	12227	0	12227	1755	13982	49.98
6	3585	116	253	3954	1815	3361	0	0	4427	4668	-828	12970	0	12970	1849	14819	49.95
7	3703	431	252	4386	1603	3339	0	9	4932	5486	-938	13885	0	13885	2027	15912	49.99
8	4135	409	251	4795	1466	3520	0	58	4936	5388	-939	14288	0	14288	2192	16480	50.01
9	4232	212	241	4685	1744	3776	0	104	4910	5204	-1185	14328	0	14328	2620	16948	50.00
10	4150	297	251	4698	1967	3884	0	183	4593	4721	-1295	14158	0	14158	2831	16989	50.01
11	4175	273	248	4696	1915	3921	0	212	4730	4755	-1688	13811	0	13811	3126	16937	49.98
12	4260	157	247	4664	2285	3925	0	228	5036	4800	-1737	14165	0	14165	3174	17339	49.97
13	4014	101	247	4362	2519	3734	0	195	4995	4752	-1762	13800	0	13800	3165	16965	49.94
14	3777	56	234	4067	2412	3548	0	167	4924	4830	-1608	13416	0	13416	3022	16438	49.94
15	3757	100	231	4088	2421	3488	0	173	4884	5008	-1662	13516	0	13516	3079	16595	49.89
16	3760	95	242	4097	2267	3441	0	162	4871	5290	-1659	13598	0	13598	3092	16690	49.97
17	3747	130	243	4120	2089	3439	0	96	4601	5011	-1611	13144	0	13144	3045	16189	49.98
18	3762	190	224	4176	2107	3437	0	51	4120	4590	-1542	12819	0	12819	2977	15796	49.98
19	3849	181	246	4276	1923	3518	0	9	4283	4410	-1390	12746	0	12746	2828	15574	49.97
20	4217	280	235	4732	2008	3840	0	0	4450	4421	-1321	13680	0	13680	2784	16464	49.89
21	4262	294	245	4801	2094	3967	0	0	3980	3894	-1122	13634	0	13634	2724	16358	49.91
22	4235	280	247	4762	1950	3975	0	0	3939	3721	-1010	13398	0	13398	2641	16039	49.90
23	4194	130	235	4559	1902	3948	0	0	4170	4095	-1257	13247	0	13247	2543	15790	49.94
24	4188	135	238	4561	2017	3871	0	0	3986	3651	-1263	12837	0	12837	2396	15233	49.98
MUs	94.26	4.13	5.88	104.27	46.61	87.03	0.00	1.65	105.97	108.59	-30.02	318.12	0.00	318.12	61.39	379.50	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 03/Jul/2017

Position as on 6.30 Hrs of 04/Jul/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 03/Jul/2017

Position as on 6.30 Hrs of 04/Jul/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	
CPP	SWPGL U-4	135	23/06/2017	12.01	03/07/2017	06.12	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.	BTL (Converted to Zero Schedule from 20.00Hrs DT.27 June 2017)	
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.	
IPP	JSW (J) U1	300	28/06/2017	13.29		Continued.	water leakage.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule by MSEDCL	
MSPGCL	Uran Unit 5	108	30/06/2017	00.50		Continued.	Routine Maintenance Work	
MSPGCL	Nasik Unit 3	210	01/07/2017	03.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 04/Jul/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
Koradi Satpur	InterState	04/07/2017	03.58		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	30/06/2017	18.01		Continued.	T	Distance Protection
Ektuni-Bableshwar ckt II	IntraState	01/07/2017	08.19		Continued.	HT	load control.
Karad - Jaigad - II	IntraState	01/07/2017	18.09	03/07/2017	10.09	HT	Over Voltage
Chandrapur II - Chandrapur ckt 2	IntraState	03/07/2017	08.40	03/07/2017	19.04	PO	Line Maintenance work
N.Koyna-Karad -Ckt II	IntraState	03/07/2017	10.18		Continued.	PO	Auto reclose testing work.
Karad-Jaigad - I	IntraState	03/07/2017	18.26		Continued.	HT	Over Voltage
Koradi-Khaperkheda li	IntraState	04/07/2017	03.54		Continued.	T	Over Voltage
Chandrapur - Khaperkheda	IntraState	04/07/2017	03.58		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	03/07/2017	11.44	03/07/2017	18.28	PO	Attending Hot Spot
400/220kV 315 MVA ICT-III@Padgha	IntraState	03/07/2017	15.15	03/07/2017	19.41	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
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Pedhambe - Oni	IntraState	03/07/2017	09.43	03/07/2017	21.16	PO	Jumpering of lilo tap line for pedambe - kharepatan line.
Oni Kharepatan Line	IntraState	03/07/2017	10.18	03/07/2017	21.16	PO	Jumpering of lilo tap line for pedambe - kharepatan line.
Kalwa - Siemens	IntraState	03/07/2017	11.31	03/07/2017	18.48	PO	construction work.
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							
Mangrulpir-Karanja Ckt li	IntraState	02/07/2017	18.28	03/07/2017	16.02	T	Distance Protection

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