

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Jul/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.272	2239.131	1) Gujrat	-2.202	8.983
2) Hydro	5.483	143.121	2) Madhya Pradesh	14.517	367.491
3) Gas	9.132	190.625	3) Chattisgarh	6.960	173.170
Total MSPGCL	105.887	2572.877	4) Maharashtra Net	73.795	1928.334
B) 1) APML	45.346	1262.494	5) Goa (Amona)	-0.484	-9.746
2) JSWEL	13.341	279.945	Total	92.586	2468.232
3) VIPL	5.146	131.783	a) Mumbai Schedule	19.917	467.864
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.025	609.958
5) WPCL	2.653	62.068	c) MSEDCL Bilateral *	12.593	433.960
6) PGPL	0.000	0.000	Include PX	0.000	36.548
7) Other IPP	3.462	66.525	d) Mumbai Bilateral *	19.917	467.864
C) 1) TPCL Thermal	12.483	294.149	Include PX	4.682	143.807
2) TPCL Hydro	6.074	102.385	Include Standby	0.000	0.000
3) TPCL Gas	0.081	79.119	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.238	223.049	1) MSEDCL	302.416	7267.239
D) STATE			2) Mumbai Discoms	54.901	1308.653
1) Thermal	182.941	4559.144	TOTAL STATE	357.317	8575.892
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.557	245.506			
3) Gas (A3+B6+C3)	9.213	269.744			
4) Wind	59.513	996.398			
6) SOLAR	1.507	36.875			
TOTAL STATE	264.731	6107.667			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3809	3673	4154	3817
MSPGCL Hydro	252	277	181	143
MSPGCL Gas	374	373	375	383
MSPGCL Total Generation	4435	4323	4710	4343
Central Sector Receipt	4708	3864	4506	2620
WIND	2692	2801	2128	2392
CPP / IPP Thermal	2880	2855	3565	2842
CPP / IPP Gas	0	0	0	0
SOLAR	107	186	0	0
Exchange with Mumbai	-1076	-1456	-1198	-731
MSEDCL DEMAND MET	13746	12573	13711	11466
Load Shedding	0	0	0	0
MSEDCL DEMAND	13746	12573	13711	11466
TPCL GENERATION	742	909	1022	575
R-INFRA GENERATION	384	385	385	385
MUMBAI DEMAND	2202	2750	2605	1691
STATE DEMAND MET	15948	15323	16316	13157
STATE DEMAND	15948	15323	16316	13157
Frequency (Hz)	50.03	49.98	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.01 Hrs	49.82 Hz at 19.19 Hrs	50	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 22/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	7.20	198.68	326	280
Unit 9	7.21	192.87	335	281
Unit 10	8.79	208.11	460	300
Total	23.20	599.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	52.33	0	0
Unit 5	0.00	22.97	0	0
Total	0.00	75.29		
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	4.05	94.51	175	160
Unit 5	7.56	194.55	365	0
Unit 6	8.70	207.36	400	340
Unit 7	8.96	211.13	389	360
Unit 8	8.78	192.33	490	332
Unit 9	8.06	203.10	388	268
Total	46.11	1102.99		
Paras				
Unit 3	4.71	112.04	239	187
Unit 4	4.57	24.39	215	185
Total	9.28	136.44		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	8.79	122.72	430	360
Total	8.79	173.96		
Nasik				
Unit 3	3.90	50.30	165	160
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	3.90	150.81		
Uran				
All Units	9.13	190.62	395	362
Total	9.13	190.62		
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	3.20	44	0
Total	0.07	3.20		
Koyna				
Stage 1-2	1.64	57.18	220	40
Stage 4	0.00	20.07	0	0
Stage 3	0.80	33.12	80	0
Total	2.44	110.37		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.28	2.37	61	0
TILLARI	1.08	4.92	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	9.24	80	0
RNGR+BHTSA	0.11	0.28	13	0
BHANDARDRA	0.79	8.73	34	33
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	1.76	15	14
GHATGHAR	0.00	5.44	0	0
Total	3.04	32.75		
Wind				
Total	59.51	996.40	0	0
Total	59.51	996.40		
CPP				
APML(Mus)	45.35	1262.49	0	0
JSWEL(Mus)	13.34	279.94	0	0
VIPL(Mus)	5.15	131.78	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.65	62.07	0	0
Other(Mus)	3.46	66.52	0	0
Total	69.95	1802.82		
SOLAR				
Total	1.51	36.88	0	0
Total	1.51	36.88		
Tata				
Trombay 5	7.67	189.52	444	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.08	49.72	30	0
Trombay 7B	0.00	29.40	0	0
Trombay 8	4.81	104.62	203	197
TATA Hydro	6.07	102.38	433	75
Total	18.64	475.65		
R-INFRA				
DTPS U-1&2	9.24	223.05	386	384
Total	9.24	223.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.27	2239.13	MSPGCL Total	105.89	2572.88
			MSPGCL Thml+Gas	100.40	2429.76	Koyna 1,2 & 4 Total	1.64	77.25
			MSPGCL Hydro	5.48	143.12	State Total	264.73	6107.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	3799	171	383	4353	2476	3015	0	0	3166	3186	-983	12047	0	12047	1978	14025	49.96
2	3868	139	383	4390	2389	2857	0	0	2921	2808	-837	11607	0	11607	1827	13434	50.00
3	3912	148	395	4455	2327	2840	0	0	2687	2596	-774	11444	0	11444	1757	13201	50.00
4	3817	143	383	4343	2392	2842	0	0	2493	2620	-731	11466	0	11466	1691	13157	49.98
5	3792	143	395	4330	2287	2842	0	0	2668	2945	-722	11682	0	11682	1683	13365	49.99
6	3817	157	385	4359	2426	2850	0	0	3403	3652	-799	12488	0	12488	1760	14248	50.00
7	3777	187	394	4358	2426	2903	0	8	4290	4330	-848	13177	0	13177	1836	15013	49.97
8	3824	242	395	4461	2419	2928	0	55	4410	4620	-946	13537	0	13537	1991	15528	50.03
9	3809	252	374	4435	2692	2880	0	107	4377	4708	-1076	13746	0	13746	2202	15948	50.03
10	3793	454	389	4636	2783	2840	0	149	3706	4037	-1287	13158	0	13158	2545	15703	49.99
11	3836	307	391	4534	2709	2839	0	206	3954	4253	-1441	13100	0	13100	2701	15801	50.02
12	3703	272	378	4353	2839	2844	0	227	4059	4002	-1515	12750	0	12750	2769	15519	50.02
13	3673	277	373	4323	2801	2855	0	186	4019	3864	-1456	12573	0	12573	2750	15323	49.98
14	3718	267	372	4357	2714	2841	0	194	3514	3435	-1301	12240	0	12240	2572	14812	50.00
15	3781	266	370	4417	2756	2850	0	135	3132	3475	-1298	12335	0	12335	2592	14927	49.96
16	3811	301	383	4495	2596	2848	0	107	3386	3533	-1324	12255	0	12255	2594	14849	49.98
17	3837	234	362	4433	2789	2839	0	80	3441	3452	-1334	12259	0	12259	2580	14839	50.01
18	3792	170	374	4336	2493	2853	0	46	3498	3697	-1262	12163	0	12163	2551	14714	50.02
19	3794	219	372	4385	2443	2950	0	7	4546	4215	-1265	12735	0	12735	2533	15268	50.00
20	4097	208	372	4677	2205	3183	0	0	4528	4607	-1219	13453	0	13453	2575	16028	49.93
21	4154	181	375	4710	2128	3565	0	0	4588	4506	-1198	13711	0	13711	2605	16316	50.01
22	3778	180	373	4331	2182	3125	0	0	4639	4654	-1167	13125	0	13125	2384	15509	50.00
23	3614	295	386	4295	2189	2799	0	0	4481	4870	-1185	12968	0	12968	2302	15270	50.02
24	3476	270	375	4121	2052	2760	0	0	4221	4523	-1057	12399	0	12399	2123	14522	50.00
MUs	91.27	5.48	9.13	105.89	59.51	69.95	0.00	1.51	90.13	92.59	-27.02	302.42	0.00	302.42	54.90	357.32	50.00

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 22/Jul/2017

Position as on 6.30 Hrs of 23/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
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	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
CPP	SWPGL U-4	135	19/07/2017	03.50	23/07/2017	04.37	ID Fan Problem	
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(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Jul/2017

Position as on 6.30 Hrs of 23/Jul/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-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	
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	
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 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Koyana Unit 10	80	15/07/2017	19.15		Continued.	Tripped due to GT Got Fire	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46		Continued.	Zero Schedule By MSEDCL	
TPC-G	Trombay 7B	60	21/07/2017	23.20		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
TPC-G	Trombay 7A	120	22/07/2017	02.51		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
MSPGCL	Chandrapur Unit 5	500	22/07/2017	22.39		Continued.	Air Pre-Heater Basket Replacement.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 23/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 II	InterState	12/07/2017	20.45		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	22/07/2017	09.23	22/07/2017	10.30	T	BUS-A TRIPPED DUE TO LBB OB BBLR-1 OPERATED.
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	hand tripped to control load
karad -kolhapur-I	IntraState	20/07/2017	09.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/07/2017	01.27	22/07/2017	06.56	HT	Over Voltage
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	22/07/2017	09.23	22/07/2017	09.56	T	BUS-A TRIPPED DUE TO LBB OB BBLR-1 OPERATED.
Babhaleshwar - Padghe-I	IntraState	22/07/2017	09.23	22/07/2017	16.13	T	BUS-A TRIPPED DUE TO LBB OB BBLR-1 OPERATED.
Padghe - Nagothane - I	IntraState	22/07/2017	09.23	22/07/2017	10.54	T	LINE CHARGED ONLY FROM PADGHE END.
Padghe - Kalwa-II	IntraState	22/07/2017	09.23	22/07/2017	10.03	T	BUS-A TRIPPED DUE TO LBB OB BBLR-1 OPERATED.
Lonikand I - Koyna stage-IV	IntraState	23/07/2017	01.46	23/07/2017	08.30	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	23/07/2017	09.15	23/07/2017	18.47	PO	ct jumper replacement at padgha end
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42	22/07/2017	00.32	PO	replacement of r-ph unit with overhauled unit.(CHARGE FROM L.V.SIDE)
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	22/07/2017	09.23	22/07/2017	10.06	T	BUS-A TRIPPED DUE TO LBB OB BBLR-1 OPERATED.
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	22/07/2017	09.23	22/07/2017	09.59	T	BUS-A TRIPPED DUE TO LBB OB BBLR-1 OPERATED.
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		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.
Karad - Sadawagpur I	IntraState	21/07/2017	11.07		Continued.	T	Distance Protection
Mururd - Tuljapur	IntraState	22/07/2017	10.35	22/07/2017	13.29	PO	Insulator Disc Replacement.
Dondaicha- Shahada	IntraState	22/07/2017	12.06	22/07/2017	13.47	PO	CARRYING OUT SIGNATURE TEST.
Loteparshuram- Dasturi Line	IntraState	22/07/2017	12.25	22/07/2017	17.50	PO	Relay Retrofitting Work.
Parli 3 (Old Gcr)-Osmanabad	IntraState	22/07/2017	13.30	22/07/2017	16.00	PO	Insulator Disc Replacement.
Kharghar - Nerul	IntraState	23/07/2017	09.21	23/07/2017	18.48	PO	ct replacement at nerul end
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							
Balapur-Patur	IntraState	22/07/2017	21.32	22/07/2017	21.38	T	Distance Protection

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