

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jul/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.468	1015.252	1) Gujrat	3.423	8.803
2) Hydro	14.326	72.354	2) Madhya Pradesh	19.580	176.202
3) Gas	9.529	78.488	3) Chattisgarh	7.690	84.020
Total MSPGCL	134.323	1166.094	4) Maharashtra Net	113.194	928.701
B) 1) APML	66.970	639.302	5) Goa (Amona)	-0.374	-4.180
2) JSWEL	15.041	112.503	Total	143.513	1193.546
3) VIPL	7.488	65.750	a) Mumbai Schedule	24.967	217.615
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.510	279.117
5) WPCL	2.591	35.664	c) MSEDCL Bilateral *	36.686	219.994
6) PGPL	0.000	0.000	Include PX	12.079	34.536
7) Other IPP	3.041	28.325	d) Mumbai Bilateral *	24.967	217.615
C) 1) TPCL Thermal	17.295	141.265	Include PX	8.552	67.619
2) TPCL Hydro	5.440	43.917	Include Standby	0.000	0.000
3) TPCL Gas	3.669	32.484	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.661	106.037	1) MSEDCL	371.723	3385.920
D) STATE			2) Mumbai Discoms	64.575	602.821
1) Thermal	234.555	2144.098	TOTAL STATE	436.298	3988.741
(A1+C1+C4+(B1-B6))					
2) Hydro	19.766	116.271			
(A2+C2)					
3) Gas	13.198	110.972			
(A3+B6+C3)					
4) Wind	23.534	405.761			
6) SOLAR	1.732	18.092			
TOTAL STATE	292.785	2795.194			

* 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 14 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4206	4324	4995	4377
MSPGCL Hydro	1571	1313	379	55
MSPGCL Gas	394	393	390	397
MSPGCL Total Generation	6171	6030	5764	4829
Central Sector Receipt	7217	7271	5232	5093
WIND	628	780	1286	1017
CPP / IPP Thermal	3869	3875	4089	4064
CPP / IPP Gas	0	0	0	0
SOLAR	233	189	0	0
Exchange with Mumbai	-1512	-1364	-1128	-811
MSEDCL DEMAND MET	16606	16781	15243	14192
Load Shedding	0	0	0	0
MSEDCL DEMAND	16606	16781	15243	14192
TPCL GENERATION	1260	1280	1228	748
R-INFRA GENERATION	490	488	495	391
MUMBAI DEMAND	3262	3132	2851	1950
STATE DEMAND MET	19868	19913	18094	16142
STATE DEMAND	19868	19913	18094	16142
Frequency (Hz)	49.97	50.00	50.02	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 17.44 Hrs	49.82 Hz at 10.24 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 10/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	9.80	97.58	440	370
Unit 9	9.86	94.96	534	300
Unit 10	9.92	90.79	500	375
Total	29.59	283.33		
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	4.61	44.48	196	189
Unit 5	9.59	93.45	415	380
Unit 6	10.27	97.82	437	418
Unit 7	10.31	100.40	452	389
Unit 8	2.84	89.46	448	0
Unit 9	11.01	98.38	468	436
Total	48.64	523.99		
Paras				
Unit 3	5.94	53.96	256	239
Unit 4	0.00	0.00	0	0
Total	5.94	53.96		
Khaparkheda				
Unit 1	3.73	9.88	170	135
Unit 2	0.00	0.00	0	0
Unit 3	4.03	11.09	180	153
Unit 4	0.52	14.05	169	0
Unit 5	8.82	36.27	480	0
Total	17.10	71.28		
Nasik				
Unit 3	1.95	2.43	195	0
Unit 4	2.71	41.20	204	0
Unit 5	4.53	39.05	196	158
Total	9.19	82.68		
Uran				
All Units	9.53	78.49	417	371
Total	9.53	78.49		
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	1.99	24	0
Total	0.07	1.99		
Koyna				
Stage 1-2	3.48	30.06	445	40
Stage 4	7.36	16.86	998	0
Stage 3	2.52	14.32	240	0
Total	13.36	61.24		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.55	0	0
TILLARI	0.00	1.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	4.13	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.06	1.53	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.25	0	0
GHATGHAR	0.55	3.42	169	0
Total	0.97	11.11		
Wind				
Total	23.53	405.76	0	0
Total	23.53	405.76		
CPP				
APML(Mus)	66.97	639.30	0	0
JSWEL(Mus)	15.04	112.50	0	0
VIPL(Mus)	7.49	65.75	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.59	35.66	0	0
Other(Mus)	3.04	28.32	0	0
Total	95.13	881.54		
SOLAR				
Total	1.73	18.09	0	0
Total	1.73	18.09		
Tata				
Trombay 5	11.53	94.62	490	417
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.27	19.82	115	75
Trombay 7B	1.40	12.66	64	52
Trombay 8	5.77	46.64	247	202
TATA Hydro	5.44	43.92	426	0
Total	26.40	217.67		
R-INFRA				
DTPS U-1&2	11.66	106.04	499	391
Total	11.66	106.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.47	1015.25	MSPGCL Total	134.32	1166.09
			MSPGCL Thml+Gas	120.00	1093.74	Koyna 1,2 & 4 Total	10.84	46.92
			MSPGCL Hydro	14.33	72.35	State Total	292.78	2795.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4644	560	397	5601	878	4026	0	0	4873	4981	-973	14513	0	14513	2378	16891	49.99
2	4638	199	406	5243	923	4061	0	0	4829	4862	-857	14232	0	14232	2220	16452	49.99
3	4506	60	406	4972	1032	4066	0	0	4771	4996	-810	14256	0	14256	2040	16296	50.00
4	4377	55	397	4829	1017	4064	0	0	4698	5093	-811	14192	0	14192	1950	16142	49.98
5	4418	45	408	4871	948	4068	0	0	4960	5409	-638	14658	0	14658	1941	16599	49.96
6	4405	464	417	5286	777	4047	0	0	5267	5683	-620	15173	0	15173	2016	17189	49.96
7	4462	1129	407	5998	708	3827	0	12	6204	6296	-714	16127	0	16127	2118	18245	49.98
8	4586	940	399	5925	543	3796	0	68	6691	7085	-856	16561	0	16561	2286	18847	50.05
9	4670	683	403	5756	662	3839	0	132	6732	6966	-916	16439	0	16439	2515	18954	49.99
10	4698	537	399	5634	590	3843	0	206	6471	6891	-1210	15954	0	15954	2971	18925	49.99
11	4388	877	385	5650	547	3858	0	234	6673	7013	-1417	15885	0	15885	3178	19063	49.96
12	4206	1571	394	6171	628	3869	0	233	7069	7217	-1512	16606	0	16606	3262	19868	49.97
13	4231	1597	384	6212	718	3887	0	242	6951	7020	-1420	16659	0	16659	3222	19881	49.93
14	4324	1313	393	6030	780	3875	0	189	6875	7271	-1364	16781	0	16781	3132	19913	50.00
15	4285	1013	394	5692	1141	3889	0	157	6918	6975	-1428	16426	0	16426	3195	19621	49.96
16	4554	819	371	5744	1308	3880	0	145	6916	6804	-1418	16463	0	16463	3201	19664	49.97
17	4655	740	394	5789	1170	3866	0	69	6226	6451	-1382	15963	0	15963	3158	19121	50.00
18	4654	542	385	5581	1478	3888	0	36	5387	5782	-1328	15437	0	15437	3097	18534	49.99
19	4704	175	395	5274	1420	4060	0	9	5158	5158	-1177	14744	0	14744	2906	17650	50.01
20	4825	373	398	5596	1255	4082	0	0	5173	5265	-1104	15094	0	15094	2891	17985	49.96
21	4995	379	390	5764	1286	4089	0	0	5054	5232	-1128	15243	0	15243	2851	18094	50.02
22	5037	165	411	5613	1190	4088	0	0	5118	5007	-1096	14802	0	14802	2728	17530	50.02
23	5088	50	403	5541	1200	4083	0	0	4896	5143	-1168	14799	0	14799	2678	17477	50.03
24	5118	40	393	5551	1335	4081	0	0	4967	4913	-1163	14717	0	14717	2641	17358	50.01
MUs	110.47	14.33	9.53	134.32	23.53	95.13	0.00	1.73	138.88	143.51	-26.51	371.72	0.00	371.72	64.58	436.30	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 10/Jul/2017

Position as on 6.30 Hrs of 11/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	Paras Unit 4	250	21/06/2017	00.04		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	
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.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jul/2017

Position as on 6.30 Hrs of 11/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-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	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	Nasik Unit 3	210	01/07/2017	03.25	10/07/2017	12.00	BTL (converted to Zero Schedule from 10.00Hrs DT.04th July 17)	
CPP	SWPGL U-3	135	07/07/2017	12.11		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit-8	500	09/07/2017	23.05	10/07/2017	15.03	Loss of Excitation	
MSPGCL	Khaparkheda Unit 4	210	10/07/2017	03.19		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	10/07/2017	10.22	10/07/2017	13.16	Distributed processing Unit Tripped	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 11/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	04/07/2017	18.24	10/07/2017	08.35	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	10/07/2017	10.10	10/07/2017	10.24	HT	To take out Line Reactor
Dhule Sar'Sarovar II	InterState	10/07/2017	14.05		Continued.	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	10/07/2017	15.30	10/07/2017	16.30	HT	To take Line Reactor in service
karad -kolhapur-II	IntraState	06/07/2017	16.44	10/07/2017	11.41	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/07/2017	09.21		Continued.	HT	Hand tripped to control load
Khadka-Aurangabad (Waluj)	IntraState	09/07/2017	20.07	10/07/2017	08.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/07/2017	11.40	11/07/2017	06.51	PO	Routine Maint.work(RFC 19.12Hrs)
karad -kolhapur-I	IntraState	10/07/2017	16.55		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph unit with overhauled unit.
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	10/07/2017	21.41	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.
Kharghar-Borivali ckt II	IntraState	07/07/2017	12.23		Continued.	T	Distance Protection
Pedambe-Pophali	IntraState	10/07/2017	08.50	10/07/2017	16.05	PO	Replacement of Broken Jumper
Mudshingi-Wathar	IntraState	10/07/2017	10.25	10/07/2017	17.03	PO	Quarterly Maintenance Work
Kalwa - Siemens	IntraState	10/07/2017	10.59	10/07/2017	14.31	HT	Safety Purpose construction work
Chandrapur GCR - Sicom II	IntraState	10/07/2017	13.32	10/07/2017	18.54	PO	Restranging of Missing E/W
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 ICT-I @Girwali	IntraState	10/07/2017	17.24	10/07/2017	19.19	HT	To control B/C Current
132 KV LINE Outages/Trippings							
Bambhori(220) Jisl	IntraState	10/07/2017	18.07	10/07/2017	19.40	T	Tripped at JISL end

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