

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.174	1052.145	1) Gujrat	-2.671	-23.104
2) Hydro	3.266	33.940	2) Madhya Pradesh	13.503	69.374
3) Gas	10.494	62.969	3) Chattisgarh	6.850	42.850
Total MSPGCL	148.934	1149.054	4) Maharashtra Net	116.356	892.316
B) 1) APML	60.561	386.975	5) Goa (Amona)	-0.770	-5.456
2) JSWEL	24.805	159.007	Total	133.268	975.980
3) VIPL	11.005	93.747	a) Mumbai Schedule	18.004	165.333
4) RPL(AMT)	14.174	108.042	b) Mumbai Drawl	31.444	203.485
5) WPCL	2.531	17.365	c) MSEDCL Bilateral *	52.868	274.261
6) PGPL	0.000	0.000	Include PX	18.074	87.844
7) Other IPP	7.817	26.799	d) Mumbai Bilateral *	18.004	165.333
C) 1) TPCL Thermal	13.784	110.152	Include PX	1.033	6.416
2) TPCL Hydro	0.770	21.536	Include Standby	0.000	0.000
3) TPCL Gas	4.512	31.556	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.207	74.114	1) MSEDCL	394.603	2806.101
D) STATE			2) Mumbai Discoms	55.717	440.841
1) Thermal	275.058	2028.346	TOTAL STATE	450.320	3246.942
(A1+C1+C4+(B1-B6))					
2) Hydro	4.036	55.476			
(A2+C2)					
3) Gas	15.006	94.525			
(A3+B6+C3)					
4) Wind	21.304	81.385			
6) SOLAR	1.648	11.232			
TOTAL STATE	317.052	2270.964			

* 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 22 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5473	5539	5243	5799
MSPGCL Hydro	208	105	152	137
MSPGCL Gas	430	433	431	433
MSPGCL Total Generation	6111	6077	5826	6369
Central Sector Receipt	7060	6738	4852	4593
WIND	637	660	715	605
CPP / IPP Thermal	5144	5523	4881	4886
CPP / IPP Gas	0	0	0	0
SOLAR	236	216	0	0
Exchange with Mumbai	-1378	-1397	-1315	-1705
MSEDCL DEMAND MET	17810	17817	14959	14748
Load Shedding	0	0	0	0
MSEDCL DEMAND	17810	17817	14959	14748
TPCL GENERATION	730	735	958	722
R-INFRA GENERATION	243	253	195	194
MUMBAI DEMAND	2351	2385	2468	2621
STATE DEMAND MET	20161	20202	17427	17369
STATE DEMAND	20161	20202	17427	17369
Frequency (Hz)	49.94	49.91	49.89	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.03 Hrs	49.77 Hz at 19.14 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 07/May/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	3.63	26.49	160	130
Unit 8	10.91	80.75	515	410
Unit 9	6.74	77.86	450	0
Unit 10	0.00	20.99	0	0
Total	21.28	206.10		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	27.58	165	160
Unit 4	8.86	62.08	425	340
Unit 5	9.02	62.76	430	360
Total	21.78	152.42		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.95	39.87	250	190
Unit 7	5.02	38.97	252	198
Unit 8	0.00	0.00	0	0
Total	9.97	78.84		
Chandrapur				
Unit 3	4.33	30.68	190	163
Unit 4	4.54	20.86	199	165
Unit 5	8.75	71.72	450	0
Unit 6	9.89	28.80	446	375
Unit 7	0.00	0.00	0	0
Unit 8	6.60	65.96	467	0
Unit 9	10.02	68.93	500	350
Total	44.12	286.94		
Paras				
Unit 3	5.00	30.53	250	184
Unit 4	5.00	32.73	250	186
Total	10.00	63.26		
Khaparkheda				
Unit 1	3.99	28.22	190	160
Unit 2	3.92	28.06	180	155
Unit 3	3.99	31.23	200	160
Unit 4	3.90	24.32	177	160
Unit 5	0.00	58.99	0	0
Total	15.81	170.82		
Nasik				
Unit 3	4.13	31.27	180	170
Unit 4	4.03	31.38	177	160
Unit 5	4.06	31.12	174	165
Total	12.22	93.77		
Uran				
All Units	10.49	62.97	457	424
Total	10.49	62.97		
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)	0.04	0.33	20	0
Total	0.04	0.33		
Koyna				
Stage 1-2	1.02	7.24	50	40
Stage 4	0.00	0.71	0	0
Stage 3	0.06	2.87	30	0
Total	1.07	10.82		
Hydro				
KDPH	0.61	4.32	26	25
VTRNA	0.59	4.31	61	0
TILLARI	0.02	0.40	20	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	1.04	80	0
RNGR+BHTSA	0.00	1.90	0	0
BHANDARDRA	0.44	3.14	39	10
ELDARY	0.22	1.58	10	9
SMLHY_PTN	0.16	2.24	15	3
GHATGHAR	0.00	4.18	0	0
Total	2.20	23.12		
Wind				
Total	21.30	81.38	0	0
Total	21.30	81.38		
CPP				
APML(Mus)	60.56	386.98	0	0
JSWEL(Mus)	24.80	159.01	0	0
VIPL(Mus)	11.00	93.75	0	0
RPLAMT(Mus)	14.17	108.04	0	0
WPCL(Mus)	2.53	17.36	0	0
Other(Mus)	7.82	26.80	0	0
Total	120.89	791.94		
SOLAR				
Total	1.65	11.23	0	0
Total	1.65	11.23		
Tata				
Trombay 5	8.71	72.03	487	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	20.33	122	119
Trombay 7B	1.61	11.23	68	66
Trombay 8	5.07	38.12	241	199
TATA Hydro	0.77	21.54	168	0
Total	19.07	163.24		
R-INFRA				
DTPS U-1&2	5.21	74.11	255	194
Total	5.21	74.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.17	1052.14	MSPGCL Total	148.93	1149.05
			MSPGCL Thml+Gas	145.67	1115.11	Koyna 1,2 & 4 Total	1.02	7.95
			MSPGCL Hydro	3.27	33.94	State Total	317.05	2270.96

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 07/May/2017

Annexure-2

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	6074	95	445	6614	705	5276	0	0	5045	4640	-1520	15715	0	15715	2621	18336	49.98
2	5890	90	438	6418	905	4920	0	0	5488	5390	-1452	16181	0	16181	2459	18640	49.98
3	5890	95	457	6442	1129	4945	0	0	5550	5438	-1236	16718	0	16718	2305	19023	49.95
4	5849	100	437	6386	989	5065	0	0	5409	5289	-1029	16700	0	16700	2191	18891	49.97
5	5593	90	446	6129	976	5087	0	0	5301	5409	-966	16635	0	16635	2134	18769	49.93
6	5601	102	448	6151	1121	5077	0	0	5808	5947	-965	17331	0	17331	2131	19462	49.98
7	5787	118	439	6344	1035	5052	0	6	6122	6135	-960	17612	0	17612	2069	19681	49.97
8	5531	118	445	6094	886	4996	0	46	6363	6402	-1101	17323	0	17323	2014	19337	49.96
9	5551	180	443	6174	911	5212	0	104	6418	6071	-1162	17310	0	17310	2059	19369	49.99
10	5521	162	430	6113	757	5231	0	161	6404	6092	-1264	17090	0	17090	2187	19277	50.01
11	5517	220	438	6175	716	5219	0	200	6312	5885	-1298	16897	0	16897	2267	19164	49.99
12	5473	208	430	6111	637	5144	0	236	6627	7060	-1378	17810	0	17810	2351	20161	49.94
13	5539	105	433	6077	660	5523	0	216	6647	6738	-1397	17817	0	17817	2385	20202	49.91
14	5646	88	425	6159	685	5476	0	223	6764	6600	-1439	17704	0	17704	2379	20083	49.94
15	5589	93	424	6106	882	4972	0	189	6718	6934	-1466	17617	0	17617	2418	20035	49.93
16	6164	89	427	6680	791	4958	0	149	6551	6628	-1489	17717	0	17717	2403	20120	49.99
17	5687	119	424	6230	1007	4913	0	87	6478	5964	-1468	16733	0	16733	2358	19091	50.02
18	5609	205	437	6251	1216	4720	0	29	5536	4585	-1375	15426	0	15426	2267	17693	50.07
19	5442	192	440	6074	1104	4759	0	2	4184	3336	-1215	14060	0	14060	2238	16298	50.03
20	5205	192	429	5826	1190	4848	0	0	3762	4216	-1432	14648	0	14648	2414	17062	49.91
21	5236	168	443	5847	1095	4786	0	0	4035	4386	-1319	14795	0	14795	2452	17247	49.95
22	5243	152	431	5826	715	4881	0	0	4180	4852	-1315	14959	0	14959	2468	17427	49.89
23	5738	148	452	6338	587	4945	0	0	4779	4678	-1493	15055	0	15055	2526	17581	49.96
24	5799	137	433	6369	605	4886	0	0	4976	4593	-1705	14748	0	14748	2621	17369	49.95
MUs	135.17	3.27	10.49	148.93	21.30	120.89	0.00	1.65	135.46	133.27	-31.44	394.60	0.00	394.60	55.72	450.32	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 07/May/2017

Position as on 6.30 Hrs of 08/May/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under 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	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12	07/05/2017	01.06	Due to coal shortage.	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	06/05/2017	06.29	08/05/2017	05.13	Boiler Tube Leakage	
RINFRA-G	REL Unit 1	250	06/05/2017	20.17		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	07/05/2017	07.31	07/05/2017	14.24	Drum level low	
MSPGCL	Koradi Unit 9	660	07/05/2017	18.36	07/05/2017	21.29	Main Steam Temp High	
MSPGCL	Chandrapur Unit 5	500	07/05/2017	21.25	08/05/2017	01.34	Loss of fuel	
MSPGCL	Koradi Unit 9	660	08/05/2017	03.44		Continued.	M.S.Teamp High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2017

Statement-VII

Position as on 6.30 Hrs of 08/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	07/05/2017	01.46	07/05/2017	09.06	T	Flow Low Y block at C'PUR
Chandrapur - Padghe Hvdc Pole 2	IntraState	07/05/2017	16.26	08/05/2017	01.23	PO	Insulator replacement
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
Koradi Satpur	InterState	06/05/2017	23.18	08/05/2017	04.32	T	Tripped at Sarni end and later H/T from koradi end
Dhule Sar'Sarovar II	InterState	07/05/2017	17.46		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	07/05/2017	18.45	07/05/2017	19.10	T	Distance Protection
Padghe - Talegaon (PG)	IntraState	04/12/2016	10.17		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Padghe - Khargar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work of Buncling of Line New Khargar-Talegaon.
Ektuni-Bableswhar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Kalwa - Talegaon(PG)	IntraState	04/05/2017	01.26		Continued.	T	Distance Protection
Karad - Lonikand 1	IntraState	07/05/2017	17.35		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	05/05/2017	11.02		Continued.	PO	R/M,Diagnostic Testing Work.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	07/05/2017	06.31	07/05/2017	13.52	PO	Testing Work
220 KV LINE Outages/Trippings							
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.
Pophali - New Koyna	IntraState	06/05/2017	08.15	07/05/2017	19.10	PO	Replacement of Conductor and String
Pusad-WardhaPG(Deoli)	IntraState	07/05/2017	10.50	07/05/2017	11.30	T	Distance Protection
Padegaon-Sawangi	IntraState	07/05/2017	12.34	07/05/2017	14.55	EO	To attend Hot Spot
Lonand-Baramati	IntraState	07/05/2017	17.00	07/05/2017	17.18	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	07/05/2017	17.00	07/05/2017	17.18	T	Distance Protection
Deepnagar Bambhori	IntraState	07/05/2017	17.47	08/05/2017	00.40	T	Distance Protection
Deepnagar Amalner	IntraState	07/05/2017	20.16	08/05/2017	03.04	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)
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	06/05/2017	19.15	07/05/2017	01.45	PO	OLTC work
132 KV LINE Outages/Trippings							
Pusad-Jambazar	IntraState	07/05/2017	11.12	07/05/2017	12.15	T	220KV Pusad-Wardha(PG) tripped
Bhugaon - Seloo	IntraState	07/05/2017	17.15	07/05/2017	18.23	T	Fire at Seloo s/s
Kardha-Asgaon	IntraState	07/05/2017	19.13	07/05/2017	19.47	T	Distance Protection
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	07/05/2017	09.33	07/05/2017	10.38	T	Distance Protection

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