

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jul/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.530	904.784	1) Gujrat	2.447	5.380
2) Hydro	10.988	57.865	2) Madhya Pradesh	17.179	156.622
3) Gas	9.364	68.959	3) Chattisgarh	7.400	76.330
Total MSPGCL	146.882	1031.608	4) Maharashtra Net	100.455	815.507
B) 1) APML	64.031	572.332	5) Goa (Amona)	-0.286	-3.806
2) JSWEL	15.115	97.462	Total	127.195	1050.033
3) VIPL	7.489	58.262	a) Mumbai Schedule	18.931	192.648
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.578	252.607
5) WPCL	2.606	33.073	c) MSEDCL Bilateral *	27.727	183.308
6) PGPL	0.000	0.000	Include PX	2.784	22.457
7) Other IPP	3.010	25.284	d) Mumbai Bilateral *	18.931	192.648
C) 1) TPCL Thermal	16.330	123.970	Include PX	3.769	59.067
2) TPCL Hydro	1.071	38.477	Include Standby	0.000	0.000
3) TPCL Gas	3.100	28.815	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.741	94.376	1) MSEDCL	366.825	3014.034
D) STATE			2) Mumbai Discoms	53.820	538.246
1) Thermal	246.852	1909.543	TOTAL STATE	420.645	3552.280
(A1+C1+C4+(B1-B6))					
2) Hydro	12.059	96.342			
(A2+C2)					
3) Gas	12.464	97.774			
(A3+B6+C3)					
4) Wind	19.902	382.227			
6) SOLAR	2.173	16.360			
TOTAL STATE	293.450	2502.246			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5499	5516	5087	5351
MSPGCL Hydro	562	912	120	65
MSPGCL Gas	378	377	388	396
MSPGCL Total Generation	6439	6805	5595	5812
Central Sector Receipt	6386	6480	5084	4300
WIND	445	445	959	1141
CPP / IPP Thermal	3787	3785	3874	3883
CPP / IPP Gas	0	0	0	0
SOLAR	266	267	0	0
Exchange with Mumbai	-978	-999	-926	-773
MSEDCL DEMAND MET	16345	16783	14586	14363
Load Shedding	0	0	0	0
MSEDCL DEMAND	16345	16783	14586	14363
TPCL GENERATION	897	865	1031	807
R-INFRA GENERATION	494	496	496	496
MUMBAI DEMAND	2369	2360	2453	2076
STATE DEMAND MET	18714	19143	17039	16439
STATE DEMAND	18714	19143	17039	16439
Frequency (Hz)	50.00	50.03	49.97	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 12.03 Hrs	49.8 Hz at 22.08 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 09/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	10.86	87.78	563	395
Unit 9	10.99	85.10	551	320
Unit 10	10.76	80.86	530	320
Total	32.60	253.75		
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	4.57	39.87	194	187
Unit 5	9.81	83.85	420	395
Unit 6	10.20	87.55	439	410
Unit 7	10.59	90.10	455	418
Unit 8	10.77	86.61	482	37
Unit 9	11.34	87.37	494	455
Total	57.28	475.35		
Paras				
Unit 3	5.80	48.01	250	228
Unit 4	0.00	0.00	0	0
Total	5.80	48.01		
Khaparkheda				
Unit 1	3.84	6.15	175	150
Unit 2	0.00	0.00	0	0
Unit 3	4.37	7.06	185	182
Unit 4	3.83	13.53	165	153
Unit 5	9.55	27.45	500	360
Total	21.60	54.18		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	4.71	38.49	206	169
Unit 5	4.53	34.52	195	167
Total	9.24	73.49		
Uran				
All Units	9.36	68.96	412	377
Total	9.36	68.96		
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)	0.12	1.92	44	0
Total	0.12	1.92		
Koyna				
Stage 1-2	4.71	26.59	465	40
Stage 4	2.78	9.33	404	0
Stage 3	2.01	11.79	160	0
Total	9.50	47.72		
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.	0.28	3.77	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.47	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.25	0	0
GHATGHAR	1.21	2.88	250	0
Total	1.49	10.15		
Wind				
Total	19.90	382.23	0	0
Total	19.90	382.23		
CPP				
APML(Mus)	64.03	572.33	0	0
JSWEL(Mus)	15.12	97.46	0	0
VIPL(Mus)	7.49	58.26	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.61	33.07	0	0
Other(Mus)	3.01	25.28	0	0
Total	92.25	786.41		
SOLAR				
Total	2.17	16.36	0	0
Total	2.17	16.36		
Tata				
Trombay 5	10.49	83.09	477	327
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.83	17.55	84	74
Trombay 7B	1.27	11.26	55	52
Trombay 8	5.84	40.88	247	235
TATA Hydro	1.07	38.48	192	0
Total	20.50	191.26		
R-INFRA				
DTPS U-1&2	11.74	94.38	501	389
Total	11.74	94.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.53	904.78	MSPGCL Total	146.88	1031.61
			MSPGCL Thml+Gas	135.89	973.74	Koyna 1,2 & 4 Total	7.65	36.09
			MSPGCL Hydro	10.99	57.86	State Total	293.45	2502.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5328	155	384	5867	1224	3949	0	0	4779	5031	-1106	14965	0	14965	2369	17334	49.96
2	5286	45	394	5725	1126	3886	0	0	4662	4747	-940	14544	0	14544	2224	16768	49.99
3	5351	65	396	5812	1141	3883	0	0	4143	4300	-773	14363	0	14363	2076	16439	50.00
4	5390	120	399	5909	980	3887	0	0	4075	4400	-684	14492	0	14492	1991	16483	49.99
5	5356	230	390	5976	849	3884	0	0	4282	4508	-692	14525	0	14525	1960	16485	49.97
6	5315	425	398	6138	697	3867	0	0	4853	5215	-744	15173	0	15173	1981	17154	49.99
7	5263	756	388	6407	547	3799	0	21	5514	5701	-776	15699	0	15699	1970	17669	49.97
8	5299	1154	391	6844	440	3804	0	78	5666	5779	-770	16175	0	16175	2000	18175	50.01
9	5328	949	397	6674	515	3799	0	152	5718	5851	-755	16236	0	16236	2087	18323	50.03
10	5462	829	385	6676	455	3792	0	196	5422	5679	-869	15929	0	15929	2212	18141	50.03
11	5482	386	393	6261	524	3789	0	252	5833	5977	-979	15824	0	15824	2344	18168	49.99
12	5499	562	378	6439	445	3787	0	266	6125	6386	-978	16345	0	16345	2369	18714	50.00
13	5516	912	377	6805	445	3785	0	267	6000	6480	-999	16783	0	16783	2360	19143	50.03
14	5413	1000	377	6790	600	3788	0	232	5898	6030	-969	16471	0	16471	2317	18788	49.98
15	5289	845	390	6524	833	3817	0	246	5922	6013	-955	16478	0	16478	2306	18784	49.99
16	5247	625	378	6250	1081	3802	0	214	5652	5868	-953	16262	0	16262	2278	18540	50.00
17	5284	433	377	6094	1157	3817	0	152	4877	5166	-873	15513	0	15513	2230	17743	50.05
18	5164	330	390	5884	878	3863	0	81	4413	4864	-871	14699	0	14699	2205	16904	50.02
19	5174	135	387	5696	966	3876	0	16	4419	4442	-868	14128	0	14128	2252	16380	50.05
20	5049	175	398	5622	994	3875	0	0	4991	4813	-902	14402	0	14402	2367	16769	49.99
21	5087	120	388	5595	959	3874	0	0	4800	5084	-926	14586	0	14586	2453	17039	49.97
22	5201	91	392	5684	1126	3866	0	0	4830	4623	-991	14308	0	14308	2480	16788	49.99
23	5131	105	412	5648	1004	3880	0	0	4909	5001	-1128	14405	0	14405	2483	16888	49.96
24	4616	541	405	5562	916	3879	0	0	4777	5237	-1077	14517	0	14517	2506	17023	49.95
MUs	126.53	10.99	9.36	146.88	19.90	92.25	0.00	2.17	122.56	127.20	-21.58	366.83	0.00	366.83	53.82	420.65	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 09/Jul/2017

Position as on 6.30 Hrs of 10/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	Khaparkhedha 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 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 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 09/Jul/2017

Position as on 6.30 Hrs of 10/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		Continued.	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		Continued.	extation system fail.	
MSPGCL	Khaparkheda Unit 4	210	10/07/2017	03.19		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 10/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		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	06/07/2017	16.44		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	08/07/2017	19.33	09/07/2017	07.50	HT	Over Voltage
Ektuni-Bableswhar ckt I	IntraState	09/07/2017	09.21		Continued.	HT	Hand tripped to control load
Khadka-Aurangabad (Waluj)	IntraState	09/07/2017	20.07		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		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.
Kharghar-Borivali ckt II	IntraState	07/07/2017	12.23		Continued.	T	Distance Protection
Kalwa - Mulund 1	IntraState	09/07/2017	07.35	09/07/2017	14.34	PO	LA Replacement 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)

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