

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jul/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.404	778.254	1) Gujrat	1.070	2.933
2) Hydro	5.223	46.877	2) Madhya Pradesh	18.110	139.443
3) Gas	9.184	59.595	3) Chattisgarh	8.080	68.930
Total MSPGCL	135.811	884.726	4) Maharashtra Net	102.708	715.052
B) 1) APML	67.639	508.301	5) Goa (Amona)	-0.418	-3.520
2) JSWEL	14.872	82.347	Total	129.550	922.838
3) VIPL	6.712	50.773	a) Mumbai Schedule	22.816	173.716
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.037	231.029
5) WPCL	2.575	30.467	c) MSEDCL Bilateral *	28.188	155.582
6) PGPL	0.000	0.000	Include PX	8.923	19.673
7) Other IPP	2.817	22.274	d) Mumbai Bilateral *	22.816	173.716
C) 1) TPCL Thermal	14.345	107.640	Include PX	7.543	55.297
2) TPCL Hydro	3.777	37.406	Include Standby	0.000	0.000
3) TPCL Gas	2.956	25.715	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.259	82.635	1) MSEDCL	361.099	2647.209
D) STATE			2) Mumbai Discoms	60.374	484.426
1) Thermal	240.623	1662.691	TOTAL STATE	421.473	3131.635
(A1+C1+C4+(B1-B6))					
2) Hydro	9.000	84.283			
(A2+C2)					
3) Gas	12.140	85.310			
(A3+B6+C3)					
4) Wind	27.953	362.325			
6) SOLAR	2.207	14.187			
TOTAL STATE	291.923	2208.796			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5241	5316	5288	4403
MSPGCL Hydro	340	548	272	58
MSPGCL Gas	375	376	370	394
MSPGCL Total Generation	5956	6240	5930	4855
Central Sector Receipt	6206	5945	4671	4732
WIND	710	774	1557	1713
CPP / IPP Thermal	3978	4066	4071	3429
CPP / IPP Gas	0	0	0	0
SOLAR	298	259	0	0
Exchange with Mumbai	-1448	-1211	-1132	-970
MSEDCL DEMAND MET	15700	16073	15097	13759
Load Shedding	0	0	0	0
MSEDCL DEMAND	15700	16073	15097	13759
TPCL GENERATION	1072	1158	1082	618
R-INFRA GENERATION	440	493	491	390
MUMBAI DEMAND	2960	2862	2705	1978
STATE DEMAND MET	18660	18935	17802	15737
STATE DEMAND	18660	18935	17802	15737
Frequency (Hz)	49.89	49.91	49.84	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 07.01 Hrs	49.65 Hz at 21.15 Hrs	49.95	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 08/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	10.38	76.92	540	360
Unit 9	12.25	74.11	570	460
Unit 10	11.95	70.11	550	310
Total	34.58	221.14		
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	4.51	35.30	197	165
Unit 5	9.51	74.04	410	365
Unit 6	10.00	77.35	433	370
Unit 7	10.27	79.50	456	364
Unit 8	10.42	75.84	470	360
Unit 9	10.65	76.03	476	342
Total	55.36	418.07		
Paras				
Unit 3	5.21	42.21	250	186
Unit 4	0.00	0.00	0	0
Total	5.21	42.21		
Khaparkheda				
Unit 1	2.30	2.30	165	0
Unit 2	0.00	0.00	0	0
Unit 3	2.68	2.68	180	0
Unit 4	3.83	9.69	168	152
Unit 5	9.18	17.89	440	350
Total	18.01	32.58		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	4.13	33.78	201	163
Unit 5	4.11	29.99	195	162
Total	8.24	64.25		
Uran				
All Units	9.18	59.60	395	370
Total	9.18	59.60		
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	1.80	48	0
Total	0.16	1.80		
Koyna				
Stage 1-2	3.40	21.88	515	40
Stage 4	0.00	6.55	0	0
Stage 3	1.06	9.78	152	0
Total	4.46	38.22		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.21	0.55	61	0
TILLARI	0.00	1.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	3.49	80	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	0.07	0.25	4	3
GHATGHAR	0.00	1.67	0	0
Total	0.76	8.66		
Wind				
Total	27.95	362.32	0	0
Total	27.95	362.32		
CPP				
APML(Mus)	67.64	508.30	0	0
JSWEL(Mus)	14.87	82.35	0	0
VIPL(Mus)	6.71	50.77	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.58	30.47	0	0
Other(Mus)	2.82	22.27	0	0
Total	94.62	694.16		
SOLAR				
Total	2.21	14.19	0	0
Total	2.21	14.19		
Tata				
Trombay 5	9.04	72.60	491	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.72	15.72	75	63
Trombay 7B	1.24	10.00	53	48
Trombay 8	5.31	35.04	250	201
TATA Hydro	3.78	37.41	365	32
Total	21.08	170.76		
R-INFRA				
DTPS U-1&2	10.26	82.64	494	388
Total	10.26	82.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.40	778.25	MSPGCL Total	135.81	884.73
			MSPGCL Thml+Gas	130.59	837.85	Koyna 1,2 & 4 Total	3.40	28.43
			MSPGCL Hydro	5.22	46.88	State Total	291.92	2208.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5030	44	395	5469	1594	3880	0	0	5012	4706	-1346	14303	0	14303	2366	16669	49.96
2	4699	49	384	5132	1597	3918	0	0	4874	4582	-1186	14043	0	14043	2193	16236	49.98
3	4476	43	383	4902	1698	3629	0	0	4714	4605	-1053	13781	0	13781	2063	15844	49.94
4	4403	58	394	4855	1713	3429	0	0	4655	4732	-970	13759	0	13759	1978	15737	49.98
5	4412	48	383	4843	1603	3366	0	0	4902	5149	-940	14021	0	14021	1950	15971	49.94
6	4683	68	386	5137	1351	3656	0	0	5270	5734	-979	14899	0	14899	1986	16885	49.98
7	5058	128	386	5572	917	4002	0	12	5811	6107	-976	15634	0	15634	2027	17661	49.98
8	5140	138	394	5672	717	4064	0	64	5970	6081	-1012	15586	0	15586	2115	17701	50.00
9	5304	159	380	5843	707	4072	0	113	6044	6565	-1269	16031	0	16031	2397	18428	49.96
10	5030	244	381	5655	838	3978	0	192	5832	5545	-1276	14932	0	14932	2586	17518	49.96
11	5057	218	377	5652	776	3913	0	244	5888	6388	-1526	15447	0	15447	2884	18331	49.97
12	5241	340	375	5956	710	3978	0	298	5917	6206	-1448	15700	0	15700	2960	18660	49.89
13	5337	332	377	6046	676	4051	0	282	5709	6207	-1320	15942	0	15942	2959	18901	49.96
14	5307	568	377	6252	728	4058	0	264	5535	5821	-1223	15900	0	15900	2831	18731	49.98
15	5316	548	376	6240	774	4066	0	259	5666	5945	-1211	16073	0	16073	2862	18935	49.91
16	5310	497	377	6184	969	4060	0	226	5647	5770	-1238	15971	0	15971	2867	18838	49.98
17	5270	280	386	5936	1168	4067	0	136	5228	5686	-1226	15767	0	15767	2841	18608	49.99
18	5202	308	379	5889	1238	4070	0	86	4796	4995	-1281	14997	0	14997	2729	17726	49.94
19	5057	173	378	5608	1482	4047	0	27	4610	4813	-1392	14585	0	14585	2646	17231	49.91
20	4998	234	388	5620	1450	4044	0	4	5003	4697	-1196	14619	0	14619	2704	17323	49.84
21	5288	272	370	5930	1557	4071	0	0	4741	4671	-1132	15097	0	15097	2705	17802	49.84
22	5254	93	381	5728	1275	4079	0	0	4713	4714	-1128	14668	0	14668	2647	17315	49.89
23	5295	88	393	5776	1255	4063	0	0	4707	4834	-1333	14595	0	14595	2555	17150	49.95
24	5237	293	384	5914	1160	4055	0	0	4609	4997	-1376	14750	0	14750	2523	17273	49.96
MUs	121.40	5.22	9.18	135.81	27.95	94.62	0.00	2.21	125.85	129.55	-29.04	361.10	0.00	361.10	60.37	421.47	49.95

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 08/Jul/2017

Position as on 6.30 Hrs of 09/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 08/Jul/2017

Position as on 6.30 Hrs of 09/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	Khaparkheda Unit 3	210	27/06/2017	23.50	08/07/2017	04.58	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51	08/07/2017	06.34	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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 09/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
Ektuni-Bableshtar ckt II	IntraState	01/07/2017	08.19	08/07/2017	07.59	HT	load control.
Karad - Jaigad - II	IntraState	05/07/2017	20.40	08/07/2017	10.00	HT	Over Voltage
karad - kolhapur-II	IntraState	06/07/2017	16.44		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/07/2017	17.22	08/07/2017	07.33	HT	Over Voltage
Bableshtar - Aurangabad (Waluj)	IntraState	08/07/2017	11.28	08/07/2017	18.40	PO	BUS SECTION OUTAGE AT AURANGABAD.
Khadka-Aurangabad (Waluj)	IntraState	08/07/2017	19.33	09/07/2017	07.50	HT	Over Voltage
Ektuni-Bableshtar 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.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	08/07/2017	09.22	08/07/2017	17.34	PO	LA REPLACEMENT 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
Pophali - Kdph	IntraState	23/06/2017	08.45	08/07/2017	18.30	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 - Taloja	IntraState	08/07/2017	06.19	08/07/2017	12.17	PO	Attending Hot Spot
Apta - Kalwa	IntraState	08/07/2017	06.26	08/07/2017	11.26	PO	Attending Hot Spot
Theur-Phursungi	IntraState	08/07/2017	09.10	08/07/2017	17.16	PO	Half yearly maintenance work
Kamba - Kolshet	IntraState	08/07/2017	09.10	08/07/2017	20.20	PO	BUS SECTION OUTAGE.
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)
220/22 Kv 50 Mva Bb Ptr 2 @Kalwa	IntraState	08/07/2017	06.12	08/07/2017	11.31	PO	Attending Hot Spot
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	08/07/2017	06.14	08/07/2017	11.27	PO	Attending Hot Spot
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	08/07/2017	06.17	08/07/2017	11.25	PO	Attending Hot Spot
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	08/07/2017	08.57	08/07/2017	19.52	PO	BUS SECTION OUTAGE.

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