

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jul/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.898	648.300	1) Gujrat	-10.110	-58.328
2) Hydro	4.755	34.353	2) Madhya Pradesh	8.636	62.421
3) Gas	5.813	40.996	3) Chattisgarh	6.890	44.980
Total MSPGCL	97.466	723.649	4) Maharashtra Net	54.675	382.491
B) 1) APML	57.396	346.171	5) Goa (Amona)	-0.868	-5.404
2) JSWEL	18.949	131.382	6) TAPS 1&2 Injection	3.692	22.994
3) VIPL	10.089	70.642	7) RGPPL Injection	11.654	81.812
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.090	1.203
5) WPCL	4.884	30.627	9) Pench (Excess)	-0.090	-1.203
6) Other IPP	2.637	20.411	Total	74.479	529.763
C) 1) TPCL Thermal	14.442	103.093	a) Mumbai Schedule	20.835	133.702
2) TPCL Hydro	3.264	18.093	b) Mumbai Drawl	26.270	166.494
3) TPCL Gas	4.081	27.032	c) MSEDCL Bilateral *	26.418	160.530
4) R-INFRA Thermal	9.658	72.952	Include PX	-4.213	-68.481
D) STATE			d) Mumbai Bilateral *	20.835	133.702
1) Thermal	204.953	1427.235	Include PX	0.551	2.438
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.019	52.446	H) ENERGY CATERED (MUs)		
3) Gas	9.894	68.028	1) MSEDCL	284.494	1989.838
4) Wind	44.159	294.825	2) Mumbai Discoms	57.715	387.664
6) SOLAR	0.705	5.205	TOTAL STATE	342.209	2377.502
TOTAL STATE	267.730	1847.739			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3648	3690	3486	3633
MSPGCL Hydro	460	48	592	44
MSPGCL Gas	252	239	246	247
MSPGCL Total Generation	4360	3977	4324	3924
Central Sector Receipt	4242	3337	3604	1960
WIND	1473	1810	1943	2107
CPP / IPP	4187	3779	3855	3779
SOLAR	40	113	1	0
Exchange with Mumbai	-1347	-1407	-1178	-734
MSEDCL DEMAND MET	12955	11609	12549	11036
Load Shedding	0	0	0	0
MSEDCL DEMAND	12955	11609	12549	11036
TPCL GENERATION	762	1092	1017	679
R-INFRA GENERATION	403	403	404	403
MUMBAI DEMAND	2512	2902	2599	1816
STATE DEMAND MET	15467	14511	15148	12852
STATE DEMAND	15467	14511	15148	12852
Frequency (Hz)	50.01	49.97	49.84	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 13.00 Hrs	49.67 Hz at 21.41 Hrs	49.94	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/Jul/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.32	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.60	0	0
Unit 8	12.00	82.28	508	490
Total	12.00	83.20		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.41	26.34	165	0
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	3.41	44.44		
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
Total	0.00	0.00		
Chandrapur				
Unit 3	4.01	27.94	175	163
Unit 4	3.98	27.64	170	162
Unit 5	8.75	60.18	371	350
Unit 6	8.78	60.57	375	357
Unit 7	8.41	58.43	368	320
Unit 8	6.44	25.85	355	196
Total	40.36	260.60		
Paras				
Unit 3	4.69	33.34	206	184
Unit 4	4.78	33.78	213	173
Total	9.47	67.12		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	19.12	0	0
Unit 3	0.00	19.82	0	0
Unit 4	3.98	27.49	170	162
Unit 5	9.60	68.54	425	394
Total	13.59	134.97		
Nasik				
Unit 3	4.04	28.24	175	165
Unit 4	0.00	0.00	0	0
Unit 5	4.02	27.80	179	159
Total	8.06	56.04		
Uran				
All Units	5.81	41.00	252	231
Total	5.81	41.00		
PENCH (MS)				
Pench (MS)	0.09	1.20	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	1.20		
Koyna				
Stage 1-2	1.96	11.76	370	40
Stage 4	0.00	0.28	0	0
Stage 3	0.78	7.93	160	0
Total	2.73	19.96		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	2.84	0	0
TILLARI	0.24	3.24	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	2.61	80	0
RNGR+BHTSA	0.00	0.12	0	0
BHANDARDRA	0.08	0.79	4	3
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	1.32	4.80	240	0
Total	2.02	14.40		
Wind				
Total	44.16	294.82	0	0
Total	44.16	294.82		
CPP				
APML(Mus)	57.40	346.17	0	0
JSWEL(Mus)	18.95	131.38	0	0
VIPL(Mus)	10.09	70.64	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	4.88	30.63	0	0
Other(Mus)	2.64	20.41	0	0
Total	93.96	602.89		
SOLAR				
Total	0.70	5.20	0	0
Total	0.70	5.20		
Tata				
Trombay 5	9.12	65.25	478	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	17.04	115	95
Trombay 7B	1.47	9.99	64	57
Trombay 8	5.32	37.84	247	200
TATA Hydro	3.26	18.09	374	10
Total	21.79	148.22		
R-INFRA				
1-2	9.66	72.95	404	402
Total	9.66	72.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.92	MSPGCL Thermal	86.90	648.30	MSPGCL Total	97.47	723.65
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	92.71	689.30	Koyna 1,2 & 4 Total	1.96	12.03
Parli 8	0.00	0.00	MSPGCL Hydro	4.76	34.35	State Total	267.73	1847.74

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Jul/2016

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													
1	3594	44	238	3876	2077	3796	0	3001	2534	-964	11319	0	11319	2072	13391	49.97
2	3611	54	238	3903	2253	3784	0	2527	1986	-805	11121	0	11121	1894	13015	49.98
3	3633	44	247	3924	2107	3779	0	2051	1960	-734	11036	0	11036	1816	12852	49.96
4	3596	49	238	3883	1873	3800	0	1857	2275	-669	11162	0	11162	1746	12908	49.96
5	3635	158	247	4040	1813	3806	0	1868	2329	-656	11332	0	11332	1747	13079	49.93
6	3602	319	237	4158	1684	3819	0	2841	2993	-718	11936	0	11936	1877	13813	49.91
7	3634	234	247	4115	1585	4042	1	3735	4033	-827	12949	0	12949	2020	14969	49.94
8	3634	234	237	4105	1483	4163	13	3971	4183	-972	12975	0	12975	2149	15124	49.97
9	3648	460	252	4360	1473	4187	40	4222	4242	-1347	12955	0	12955	2512	15467	50.01
10	3689	400	245	4334	1603	4214	57	4251	3896	-1472	12632	0	12632	2781	15413	49.95
11	3670	188	241	4099	1710	4213	64	4346	3826	-1448	12464	0	12464	2928	15392	49.95
12	3691	72	248	4011	1665	3914	68	4151	4012	-1365	12305	0	12305	2933	15238	49.92
13	3690	48	239	3977	1810	3779	113	3835	3337	-1407	11609	0	11609	2902	14511	49.97
14	3705	43	246	3994	1923	3785	76	3313	2709	-1290	11197	0	11197	2767	13964	49.95
15	3673	53	250	3976	1906	3796	94	2827	2701	-1208	11265	0	11265	2757	14022	49.92
16	3682	43	233	3958	2170	3793	79	2740	2516	-1244	11272	0	11272	2735	14007	49.94
17	3640	53	238	3931	1978	3776	58	2416	2588	-1122	11209	0	11209	2718	13927	49.95
18	3595	335	247	4177	1907	3775	36	2510	2339	-1150	11084	0	11084	2683	13767	49.99
19	3528	368	237	4133	1822	3783	5	3707	3139	-1225	11657	0	11657	2576	14233	49.98
20	3486	592	246	4324	1943	3855	1	3467	3604	-1178	12549	0	12549	2599	15148	49.84
21	3414	673	249	4336	1819	4041	0	3532	3538	-1160	12574	0	12574	2533	15107	49.87
22	3595	205	231	4031	1762	4220	0	3722	3420	-1118	12315	0	12315	2415	14730	49.79
23	3627	43	246	3916	1912	4019	0	3405	3408	-1144	12111	0	12111	2306	14417	49.86
24	3626	43	236	3905	1881	3815	0	2826	2910	-1047	11464	0	11464	2249	13713	49.98
MUs	86.90	4.76	5.81	97.47	44.16	93.96	0.71	77.12	74.48	-26.27	284.49	0.00	284.49	57.72	342.21	49.94

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/Jul/2016

Position as on 6.30 Hrs of 08/Jul/2016

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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
MSPGCL	Koyna Unit 8	80	29/06/2016	08.20		Continued.	Turbine Maintenance Work.	
MSPGCL	Koyna STG- IV Unit - 1	250	29/06/2016	09.00		Continued.	Attending Servo Motor Oil Leakage(15 Days).	
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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vacuum	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No consent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	
MSPGCL	Uran Unit B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43		Continued.	Maintenance work	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Jul/2016

Position as on 6.30 Hrs of 08/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	01/07/2016	02.23		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Koradi Unit 7	210	01/07/2016	04.43		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 9	500	02/07/2016	07.26		Continued.	M.S.Temp.Low.	
MSPGCL	Khaparkheda Unit 2	210	05/07/2016	23.46		Continued.	Zero Shedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule Given By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	07/07/2016	18.39	07/07/2016	20.52	Drum level low	
MSPGCL	Khaparkheda Unit 4	210	08/07/2016	03.07		Continued.	Zero Schedule given by MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 08/Jul/2016

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							
Dhule Sar'Sarovar II	InterState	02/07/2016	00.22		Continued.	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/07/2016	12.24	07/07/2016	06.58	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/07/2016	03.55		Continued.	T	Over Voltage
Chandrapur Bhadravati IV	InterState	07/07/2016	13.51		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	01/07/2016	18.00		Continued.	HT	To control Load on Padgha-BBLSR Line
Bhusawal-Aurangabad	IntraState	02/07/2016	16.24		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	05/07/2016	08.36		Continued.	PO	Maintenance Work (RFC @ 18.37 Hrs dt 7.7.16)
Lonikand I - Koyna stage-IV	IntraState	06/07/2016	22.25	07/07/2016	08.50	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	07/07/2016	01.21	07/07/2016	09.15	EO	Breaker work at New Koyna
Girwali - Lonikand 1	IntraState	07/07/2016	09.20	07/07/2016	18.56	PO	Maintenance & Testing Work.
Lonikand I - Koyna stage-IV	IntraState	08/07/2016	00.38		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	07/07/2016	14.28	07/07/2016	16.40	PO	To Attend Fire Detector Trip of CTR.
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Lonikand (400 Kv)-Theur li	IntraState	07/07/2016	09.19	07/07/2016	17.09	PO	Maintenance Work.
Jejuri (400 Kv)-Jenjuri- I	IntraState	07/07/2016	09.37	07/07/2016	17.44	PO	Maintenance & Testing Work.
Peth- Mudshingi -I	IntraState	07/07/2016	10.20	07/07/2016	12.35	PO	Maintenance Work.
Bableshwar- Ranjangaon	IntraState	07/07/2016	11.32		Continued.	PO	C B Overhauling.
Ranjangaon-Fiat 2	IntraState	07/07/2016	12.57	07/07/2016	15.44	PO	C B Overhauling.
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							
Anjangaon - Akot	IntraState	07/07/2016	19.16	07/07/2016	19.33	T	O/C,E/F Relay @ Anjangaon End.
Paras-Akot	IntraState	07/07/2016	19.16	07/07/2016	19.48	T	Distance Protection
Akola-Paras Ckt-Ii	IntraState	07/07/2016	19.16	07/07/2016	19.37	T	Distance Protection
Gorakshan Tap On Akola-Paras Ckt-I	IntraState	07/07/2016	19.16	07/07/2016	19.37	T	Distance Protection
Paras-Warwat Bakal	IntraState	07/07/2016	19.16	07/07/2016	22.14	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 1 Line	IntraState	29/06/2016	11.28		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Vasai-Ii - Vasai 2 Line	IntraState	29/06/2016	11.30		Continued.	HT	To Control Kalwa-Salsette-6 Line

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 08/Jul/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Loading.