

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jul/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.329	204.633	1) Gujrat	-6.543	-16.728
2) Hydro	4.952	9.411	2) Madhya Pradesh	7.595	12.996
3) Gas	5.821	11.700	3) Chattisgarh	6.220	11.690
Total MSPGCL	103.102	225.744	4) Maharashtra Net	59.377	111.147
B) 1) APML	47.486	88.846	5) Goa (Amona)	-0.960	-1.828
2) JSWEL	16.640	33.186	6) TAPS 1&2 Injection	2.079	5.758
3) VIPL	10.094	20.195	7) RGPPL Injection	11.798	23.429
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.111	0.276
5) WPCL	4.143	8.261	9) Pench (Excess)	-0.111	-0.276
6) Other IPP	3.032	6.174	Total	79.455	146.188
C) 1) TPCL Thermal	15.101	30.534	a) Mumbai Schedule	18.188	36.436
2) TPCL Hydro	1.638	2.861	b) Mumbai Drawl	23.106	48.372
3) TPCL Gas	3.800	7.662	c) MSEDCL Bilateral *	12.760	40.287
4) R-INFRA Thermal	10.989	22.304	Include PX	-18.910	-25.855
D) STATE			d) Mumbai Bilateral *	18.188	36.436
1) Thermal	199.814	417.790	Include PX	0.086	0.712
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.590	12.272	H) ENERGY CATERED (MUs)		
3) Gas	9.621	19.362	1) MSEDCL	287.649	574.804
4) Wind	45.933	89.062	2) Mumbai Discoms	54.634	111.733
6) SOLAR	0.870	1.863	TOTAL STATE	342.283	686.537
TOTAL STATE	262.828	540.349			

* 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 4 Hrs
MSPGCL Thermal	3703	3717	4008	3770
MSPGCL Hydro	539	207	345	97
MSPGCL Gas	237	235	245	237
MSPGCL Total Generation	4479	4159	4598	4104
Central Sector Receipt	3774	3574	3834	2617
WIND	2088	2181	1901	1768
CPP / IPP	3375	3305	3827	3188
SOLAR	94	132	0	0
Exchange with Mumbai	-1238	-1257	-1055	-629
MSEDCL DEMAND MET	12572	12094	13105	11048
Load Shedding	0	0	0	0
MSEDCL DEMAND	12572	12094	13105	11048
TPCL GENERATION	1143	1007	929	666
R-INFRA GENERATION	412	505	506	402
MUMBAI DEMAND	2793	2769	2490	1697
STATE DEMAND MET	15365	14863	15595	12745
STATE DEMAND	15365	14863	15595	12745
Frequency (Hz)	50.00	49.99	49.93	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 07.59 Hrs	49.81 Hz at 19.34 Hrs	50.02	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 02/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	11.92	23.62	620	480
Total	11.92	24.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.83	7.66	165	150
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	3.83	25.76		
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	3.97	7.99	184	155
Unit 4	4.06	8.07	187	162
Unit 5	8.74	17.42	380	340
Unit 6	9.05	17.93	445	345
Unit 7	8.24	16.49	362	325
Unit 8	2.70	5.61	173	59
Total	36.76	73.51		
Paras				
Unit 3	4.91	9.88	224	170
Unit 4	4.89	9.95	240	161
Total	9.80	19.83		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.84	7.68	165	145
Unit 3	3.95	7.93	167	158
Unit 4	3.90	7.81	163	161
Unit 5	9.91	19.72	500	390
Total	21.60	43.14		
Nasik				
Unit 3	4.02	8.18	170	165
Unit 4	0.00	0.00	0	0
Unit 5	3.98	7.76	168	163
Total	7.99	15.94		
Uran				
All Units	5.82	11.70	254	235
Total	5.82	11.70		
PENCH (MS)				
Pench (MS)	0.11	0.28	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	0.28		
Koyna				
Stage 1-2	1.58	2.99	260	40
Stage 4	0.04	0.23	39	0
Stage 3	1.08	2.01	160	0
Total	2.70	5.23		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.63	1.14	60	0
TILLARI	0.48	0.48	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	0.75	40	0
RNGR+BHTSA	0.00	0.12	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.74	1.70	240	0
Total	2.25	4.18		
Wind				
Total	45.93	89.06	0	0
Total	45.93	89.06		
CPP				
APML(Mus)	47.49	88.85	0	0
JSWEL(Mus)	16.64	33.19	0	0
VIPL(Mus)	10.09	20.20	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	4.14	8.26	0	0
Other(Mus)	3.03	6.17	0	0
Total	81.40	160.32		
SOLAR				
Total	0.87	1.86	0	0
Total	0.87	1.86		
Tata				
Trombay 5	9.58	19.43	461	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.38	4.82	115	89
Trombay 7B	1.42	2.85	64	56
Trombay 8	5.52	11.10	247	199
TATA Hydro	1.64	2.86	258	9
Total	20.54	41.06		
R-INFRA				
1-2	10.99	22.30	507	400
Total	10.99	22.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.43	1.92	MSPGCL Thermal	92.33	204.63	MSPGCL Total	103.10	225.74
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	98.15	216.33	Koyna 1,2 & 4 Total	1.62	3.22
Parli 8	0.00	0.00	MSPGCL Hydro	4.95	9.41	State Total	262.83	540.35

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	3827	102	237	4166	1532	3318	0	2943	3149	-638	11527	0	11527	1989	13516	50.09
2	3799	103	248	4150	1643	3584	0	3083	2818	-523	11672	0	11672	1835	13507	50.05
3	3782	97	239	4118	1729	3385	0	2947	2588	-655	11165	0	11165	1740	12905	50.04
4	3770	97	237	4104	1768	3188	0	2414	2617	-629	11048	0	11048	1697	12745	50.05
5	3743	107	250	4100	1763	3148	0	2552	2748	-630	11129	0	11129	1705	12834	50.13
6	3789	103	247	4139	1656	3290	0	2606	3143	-695	11533	0	11533	1775	13308	50.04
7	3913	96	238	4247	1711	3538	5	3137	3452	-769	12184	0	12184	1849	14033	50.07
8	3982	71	247	4300	1726	3622	31	3821	3772	-868	12583	0	12583	1946	14529	50.11
9	3761	151	254	4166	1726	3379	59	4236	4270	-1114	12486	0	12486	2217	14703	50.11
10	3721	632	237	4590	1972	3278	73	3894	4040	-1263	12690	0	12690	2514	15204	50.04
11	3762	551	250	4563	1975	3313	124	3671	3934	-1371	12538	0	12538	2777	15315	50.04
12	3703	539	237	4479	2088	3375	94	3551	3774	-1238	12572	0	12572	2793	15365	50.00
13	3717	207	235	4159	2181	3305	132	3421	3574	-1257	12094	0	12094	2769	14863	49.99
14	3709	145	238	4092	2326	3145	101	3336	3051	-1129	11586	0	11586	2612	14198	50.00
15	3779	141	251	4171	2361	3042	87	3188	3099	-1054	11706	0	11706	2561	14267	49.95
16	3770	141	249	4160	2340	3055	73	2959	2996	-985	11639	0	11639	2510	14149	49.98
17	3813	185	247	4245	2335	3055	48	2821	2970	-971	11682	0	11682	2506	14188	49.95
18	3833	192	235	4260	2400	3192	34	2648	2722	-1074	11534	0	11534	2512	14046	49.97
19	3828	128	244	4200	2041	3386	9	3502	3337	-1103	11870	0	11870	2518	14388	50.00
20	4025	399	238	4662	1897	3627	0	3540	3615	-1114	12687	0	12687	2515	15202	49.93
21	4008	345	245	4598	1901	3827	0	3631	3834	-1055	13105	0	13105	2490	15595	49.93
22	4143	199	235	4577	1583	3871	0	3102	3339	-984	12386	0	12386	2393	14779	49.99
23	4216	116	246	4578	1605	3835	0	3627	3298	-973	12343	0	12343	2296	14639	49.98
24	3936	105	237	4278	1674	3635	0	3796	3315	-1014	11888	0	11888	2115	14003	50.00
MUs	92.33	4.95	5.82	103.10	45.93	81.39	0.87	78.43	79.46	-23.11	287.65	0.00	287.65	54.63	342.28	50.02

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 02/Jul/2016

Position as on 6.30 Hrs of 03/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 02/Jul/2016

Position as on 6.30 Hrs of 03/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	Adani U-5	660	01/07/2016	12.57		Continued.	Replacement with U-3	
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	Chandrapur Unit-8	500	03/07/2016	07.32		Continued.	High Drum Level.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 03/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 I	InterState	28/06/2016	17.42	02/07/2016	07.10	HT	Over Voltage
Chandrapur II - Dhariwal -I	InterState	29/06/2016	09.07	02/07/2016	07.00	PO	Quarterly Maintainance Work
Kolhapur Solapur (PG) II	InterState	30/06/2016	17.06		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/07/2016	00.22		Continued.	T	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
Khadka-Aurangabad (Waluj)	IntraState	30/06/2016	15.58	02/07/2016	11.43	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	01/07/2016	18.00		Continued.	HT	To control Load on Padgha-BBLSR Line
Lonikand I - Koyna stage-IV	IntraState	01/07/2016	21.54	02/07/2016	09.21	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	02/07/2016	03.42	02/07/2016	06.02	T	Over Voltage
Babhaleshtar - Bhusawal II	IntraState	02/07/2016	11.45	02/07/2016	16.07	PO	Disk Insulator Replacement Work.
Bhusawal-Aurangabad	IntraState	02/07/2016	16.24		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	02/07/2016	21.47	03/07/2016	19.43	T	Over Voltage @ Ratanindia(IB)
Lonikand I - Koyna stage-IV	IntraState	02/07/2016	22.00		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	03/07/2016	11.54	03/07/2016	19.44	PO	Checking Line CVT.
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshtar	IntraState	24/06/2016	19.15		Continued.	PO	On TBC jumper removing work by HOT LINE
400/220kv, 500 MVA ICT-III @Babhleshtar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/07/2016	03.03	02/07/2016	17.40	T	Distance Protection
Mudshingi - Chikodi	InterState	01/07/2016	03.03	02/07/2016	16.40	T	Distance Protection
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.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Theur-Phursungi	IntraState	28/06/2016	09.48		Continued.	PO	Taken on TBC at Theur
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	29/06/2016	11.05		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Kalwa - Borivali	IntraState	01/07/2016	20.48	02/07/2016	00.04	HT	Heavy sparking on R Phase W.T.at Borivali end
Pedambe-Nerle	IntraState	02/07/2016	03.49	02/07/2016	18.45	T	Distance Protection
Pegasus - Infosys	IntraState	02/07/2016	10.30	02/07/2016	15.44	PO	Replacement of R Phase CT.
Babhaleshtar-Nagar-I	IntraState	02/07/2016	10.59	02/07/2016	17.18	PO	Disc Insulator Replacement Work.
Padghe - Jambhul 1	IntraState	02/07/2016	11.48	02/07/2016	14.41	PO	Attending Hot Spot
Ghatghar - Bapgaon	IntraState	02/07/2016	14.45	02/07/2016	15.30	T	On PDR Only @ Bapgaon End Charged Through TBC.
Kalwa Salsette III	IntraState	03/07/2016	08.06	03/07/2016	18.46	PO	For Safety Purpose While Dismantling of Tower.
Borivali - Ghodbunder	IntraState	03/07/2016	10.55	03/07/2016	13.05	PO	Due to DC Leakage Problem @ Borivali.Charge on TBC.
Bapgaon - Kalwa	IntraState	03/07/2016	12.40	03/07/2016	20.45	T	On PDR @ Bapgaon End.

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 02/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Waluj - Jalna 1	IntraState	03/07/2016	20.27	03/07/2016	20.42	T	Distance Protection
Bapgaon - Kalwa	IntraState	03/07/2016	21.47	03/07/2016	23.17	T	On PDR @ Bapgaon End.
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							
Ambazari-Arvi	IntraState	03/07/2016	19.40	03/07/2016	20.07	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 Loading.

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