

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 07/Oct/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.302	790.789	1) Gujrat	8.616	45.257
2) Hydro	4.807	37.564	2) Madhya Pradesh	9.224	84.189
3) Gas	8.450	50.495	3) Chattisgarh	4.400	30.020
Total MSPGCL	142.559	878.848	4) Maharashtra Net	100.097	669.407
B) 1) APMIL	56.330	380.150	5) Goa	-7.367	-51.598
2) JSWEL	28.690	186.572	6) TAPS 1&2 Injection	3.593	24.709
3) VIPL	11.038	77.423	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	16.450	138.880	8) Pench (MS)	0.449	3.433
5) WPCL	4.217	31.383	9) Pench (Excess)	-0.449	-3.433
6) Other IPP	2.893	20.249	Total	118.114	798.551
C) 1) TPCL Thermal	16.931	114.178	a) Mumbai Schedule	26.409	168.425
2) TPCL Hydro	2.569	13.037	b) Mumbai Drawl	31.802	198.758
3) TPCL Gas	4.237	30.903	c) MSEDCL Bilateral *	26.736	192.697
4) R-INFRA Thermal	11.729	82.114	Include PX	-1.738	-4.490
D) STATE			d) Mumbai Bilateral *	26.409	168.425
1) Thermal	277.580	1821.738	Include PX	6.424	32.618
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	7.376	50.601	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	12.687	81.398	1) MSEDCL	357.152	2367.268
4) Wind	7.370	46.484	2) Mumbai Discoms	67.268	438.985
6) SOLAR	1.293	7.486	TOTAL STATE	424.420	2806.253
TOTAL STATE	306.306	2007.707			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5450	5361	5532	5233
MSPGCL Hydro	471	286	712	69
MSPGCL Gas	315	338	421	294
MSPGCL Total Generation	6236	5985	6665	5596
Central Sector Receipt	5594	5243	5169	4084
WIND	290	632	172	294
CPP / IPP	5116	5116	5159	4668
SOLAR	165	177	0	0
Exchange with Mumbai	-1570	-1646	-1532	-840
MSEDCL DEMAND MET	15831	15507	15633	13802
Load Shedding	45	39	21	18
MSEDCL DEMAND	15876	15546	15654	13820
TPCL GENERATION	1155	1186	1082	805
R-INFRA GENERATION	513	515	513	395
MUMBAI DEMAND	3238	3347	3127	2040
STATE DEMAND MET	19069	18854	18760	15842
STATE DEMAND	19114	18893	18781	15860
Frequency (Hz)	49.94	49.97	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.01 Hrs	49.73 Hz at 16.48 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/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.52	21.05	155	140
Unit 6	0.00	0.00	0	0
Unit 7	3.78	24.89	170	145
Total	7.30	45.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	26.90	175	160
Unit 4	11.12	73.25	495	440
Unit 5	11.10	74.57	500	420
Total	26.32	174.72		
Parli				
Unit 3	0.00	0.00	0	0
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 1	0.00	0.00	0	0
Unit 2	2.99	23.08	142	100
Unit 3	4.62	31.54	208	173
Unit 4	4.52	30.68	210	164
Unit 5	9.75	24.47	440	380
Unit 6	10.01	68.76	445	390
Unit 7	10.04	68.15	445	390
Total	41.93	246.68		
Paras				
Unit 3	5.07	34.44	220	182
Unit 4	4.94	32.77	224	187
Total	10.01	67.22		
Khaparkheda				
Unit 1	3.86	17.25	180	125
Unit 2	3.89	23.92	185	125
Unit 3	4.13	27.12	181	163
Unit 4	3.55	11.30	154	139
Unit 5	8.81	61.49	420	320
Total	24.23	141.08		
Nasik				
Unit 3	4.50	31.12	195	175
Unit 4	0.00	15.40	0	0
Unit 5	4.52	31.39	195	176
Total	9.02	77.91		
Uran				
All Units	8.45	50.50	427	294
Total	8.45	50.50		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.45	3.43	23	0
Total	0.45	3.43		
Koyna				
Stage 1-2	1.91	14.64	305	40
Stage 4	0.68	2.76	250	0
Stage 3	0.00	3.00	160	0
Total	2.59	20.40		
Hydro				
KDPH	0.00	2.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.04	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	1.21	80	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.49	3.45	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	1.69	13	2
GHATGHAR	1.43	8.01	149	0
Total	2.22	17.16		
Wind				
Total	7.37	46.48	0	0
Total	7.37	46.48		
CPP				
APML(Mus)	56.33	380.15	0	0
JSWEL(Mus)	28.69	186.57	0	0
VIPL(Mus)	11.04	77.42	0	0
RPLAMT(Mus)	16.45	138.88	0	0
WPCL(Mus)	4.22	31.38	0	0
Other(Mus)	2.89	20.25	0	0
Total	119.62	834.66		
SOLAR				
Total	1.29	7.49	0	0
Total	1.29	7.49		
Tata				
Trombay 5	11.02	73.27	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	19.58	115	92
Trombay 7B	1.58	11.32	67	61
Trombay 8	5.92	40.90	251	245
TATA Hydro	2.57	13.04	330	0
Total	23.74	158.12		
R-INFRA				
1-2	11.73	82.11	518	395
Total	11.73	82.11		

Infirm Power	Chandrapur 8	4.64
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	129.30	790.79
MSPGCL Thml+Gas	137.75	841.28

Koradi 8	5.84	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.81	37.56
MSPGCL Total	142.56	878.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.59	17.41
State Total	306.31	2007.71

Hourly Load Data As on 07/Oct/2015

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	5143	69	294	5506	312	4884	0	4544	4467	-1110	14059	28	14087	2533	16620	50.00
2	5149	64	294	5507	301	4703	0	4463	4563	-954	14120	18	14138	2276	16414	49.94
3	5194	69	294	5557	317	4640	0	4328	4162	-860	13816	18	13834	2140	15974	49.97
4	5233	69	294	5596	294	4668	0	4126	4084	-840	13802	18	13820	2040	15860	50.03
5	5255	64	294	5613	259	4643	0	4233	4460	-864	14111	18	14129	1992	16121	49.99
6	5217	99	294	5610	238	4675	0	4730	4799	-887	14435	44	14479	2064	16543	49.92
7	5330	204	300	5834	222	4848	2	5037	5046	-870	15082	77	15159	2152	17311	49.97
8	5524	244	314	6082	157	4950	36	5115	5111	-866	15470	100	15570	2272	17842	50.04
9	5519	274	310	6103	138	5051	88	5329	5178	-1182	15376	94	15470	2581	18051	49.99
10	5505	367	321	6193	193	5120	126	5476	5393	-1469	15556	55	15611	2980	18591	49.97
11	5450	471	315	6236	290	5116	165	5486	5594	-1570	15831	45	15876	3238	19114	49.94
12	5427	380	323	6130	449	5138	183	5457	5412	-1581	15731	40	15771	3322	19093	49.99
13	5361	286	338	5985	632	5116	177	5447	5243	-1646	15507	39	15546	3347	18893	49.97
14	5316	68	340	5724	699	4823	171	5450	5639	-1673	15383	38	15421	3295	18716	50.01
15	5331	180	362	5873	633	4938	146	5444	5288	-1683	15195	21	15216	3350	18566	49.97
16	5467	187	410	6064	512	5077	112	5454	5396	-1642	15519	21	15540	3351	18891	49.95
17	5539	182	408	6129	361	5101	67	5415	5169	-1650	15177	19	15196	3306	18502	49.89
18	5539	82	410	6031	216	5102	20	4696	4751	-1624	14496	18	14514	3224	17738	49.94
19	5432	601	418	6451	156	5125	0	4898	4774	-1546	14960	18	14978	3146	18124	49.96
20	5532	712	421	6665	172	5159	0	5207	5169	-1532	15633	21	15654	3127	18781	50.01
21	5462	593	421	6476	187	5170	0	4987	5027	-1515	15345	21	15366	3002	18368	49.94
22	5453	375	423	6251	211	5199	0	4675	4538	-1434	14765	21	14786	2896	17682	49.98
23	5499	62	425	5986	214	5192	0	4619	4430	-1403	14419	21	14440	2832	17272	49.95
24	5425	67	427	5919	207	5180	0	4434	4420	-1401	14325	21	14346	2802	17148	50.01
MUs	129.30	5.77	8.45	143.52	7.37	119.62	1.29	119.05	118.11	-31.80	358.11	0.83	358.95	67.27	426.21	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/Oct/2015

Position as on 6.30 Hrs of 08/Oct/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 2	75	07/10/2015	07.30	08/10/2015	01.05	P M Work.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generator bearing	
MSPGCL	Uran Unit B0	120	28/09/2015	23.06	07/10/2015	14.49	Gas shortage	
MSPGCL	Uran Unit 8	108	28/09/2015	23.11	07/10/2015	06.30	Gas shortage	
MSPGCL	Nasik Unit 4	210	04/10/2015	11.32		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	06/10/2015	18.20		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 08/Oct/2015

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							
HVDC Pole-I	IntraState	07/10/2015	07.56		Continued.	PO	Annual Overhaul.
400 KV LINE Outages/Trippings							
Dabhol New koyna I	InterState	06/10/2015	11.21		Continued.	PO	Line Maintenance work
Kolhapur Mapusa II	InterState	06/10/2015	17.02	07/10/2015	09.23	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	07/10/2015	17.06	07/10/2015	18.16	EO	Attending of SF6 Gas Low Alarm.
Kolhapur Mapusa I	InterState	07/10/2015	22.02		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/10/2015	22.03		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	29/09/2015	17.35	07/10/2015	12.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/10/2015	16.15	07/10/2015	07.24	HT	Over Voltage
karad -kolhapur-I	IntraState	05/10/2015	16.48	07/10/2015	06.56	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Bhusawal-Aurangabad	IntraState	06/10/2015	20.04	07/10/2015	06.35	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/10/2015	00.50	07/10/2015	08.14	HT	Over Voltage
karad -kolhapur-II	IntraState	07/10/2015	16.39		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/10/2015	20.40	08/10/2015	06.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/10/2015	21.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	08/10/2015	06.46		Continued.	PO	To Attend Hot Spot (Shifted to TBC)
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.
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Bableshtar- Alephata	IntraState	07/10/2015	06.18	07/10/2015	17.09	HT	To Control Load on ICT.
Bableshtar- Ranjangaon	IntraState	07/10/2015	07.09	07/10/2015	17.08	HT	To Control Load on ICT.
Karad - Kadegaon	IntraState	07/10/2015	09.12	07/10/2015	19.20	PO	String Replacement Work.
Gadchandur - Grace	IntraState	07/10/2015	10.22	07/10/2015	19.28	PO	Conversion of SSN to DSN.
Uran - Hoc 1	IntraState	07/10/2015	10.45	07/10/2015	19.42	PO	CT Tan Delta Measurment Work.
Dhule-Amalner(220kv)	IntraState	07/10/2015	12.33	07/10/2015	17.50	T	Distance Protection Operated Zone-I B Ph A/R Oprtd.
Bableshtar- Alephata	IntraState	07/10/2015	18.58		Continued.	HT	To Control Load on ICT.
REL Borivali Aarey Line	IntraState	08/10/2015	00.34	08/10/2015	04.06	PO	For Fixing of Insulation Sleeves.
Padgha - Temghar I	IntraState	08/10/2015	06.24		Continued.	PO	Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panel
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	07/10/2015	10.00	07/10/2015	16.42	PO	For Attending Hot Spot @ Y Ph HV CT Jumper.
220/132 Kv 200MVA ICT II @Dhule	IntraState	07/10/2015	10.34	07/10/2015	14.42	PO	To attend Hot Spot

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/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 08/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Chikhali-Buldana	IntraState	07/10/2015	08.34	07/10/2015	08.49	T	Distance Protection
Chikhali-Khamgaon	IntraState	07/10/2015	11.07	07/10/2015	15.52	T	Distance Protection Operated Zone-I B Ph.Guard Wire Broken.
Malkapur - Khamgaon	IntraState	07/10/2015	11.21	07/10/2015	11.25	T	Distance Protection Operated Zone-I B-E Fault.
Mouda-Bhandara	IntraState	07/10/2015	15.50		Continued.	T	Distance Protection Operated Zone-I R-Y Fault.