

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.493	686.762	1) Gujrat	6.324	32.302
2) Hydro	12.048	89.774	2) Madhya Pradesh	11.167	92.023
3) Gas	6.392	44.444	3) Chattisgarh	4.530	35.660
Total MSPGCL	125.933	820.980	4) Maharashtra Net	99.572	732.989
B) 1) APLM	54.590	394.800	5) Goa	-8.146	-52.407
2) JSWEL	28.311	191.846	6) TAPS 1&2 Injection	4.687	25.902
3) VIPL	11.744	84.839	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.070	143.253	8) Pench (MS)	0.228	5.810
5) WPCL	3.735	26.414	9) Pench (Excess)	-0.228	-5.810
6) Other IPP	1.780	14.698	Total	117.906	860.659
C) 1) TPCL Thermal	16.826	119.684	a) Mumbai Schedule	23.199	168.990
2) TPCL Hydro	2.569	16.606	b) Mumbai Drawl	24.767	168.506
3) TPCL Gas	4.237	19.426	c) MSEDCL Bilateral *	27.042	243.838
4) R-INFRA Thermal	12.419	85.331	Include PX	-0.203	41.159
D) STATE			d) Mumbai Bilateral *	23.199	168.040
1) Thermal	259.968	1747.627	Include PX	0.534	10.261
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.950
2) Hydro	14.617	106.380	H) ENERGY CATERED (MUs)		
3) Gas	10.629	63.870	1) MSEDCL	350.055	2443.413
4) Wind	6.742	66.835	2) Mumbai Discoms	60.819	409.539
6) SOLAR	1.011	7.595	TOTAL STATE	410.874	2852.952
TOTAL STATE	292.967	1992.307			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4101	4240	4458	4461
MSPGCL Hydro	1613	1396	611	107
MSPGCL Gas	264	262	264	271
MSPGCL Total Generation	5978	5898	5333	4839
Central Sector Receipt	5874	5231	5393	4072
WIND	193	167	278	377
CPP / IPP	5204	5188	5250	4629
SOLAR	141	115	0	0
Exchange with Mumbai	-1418	-1425	-1213	-514
MSEDCL DEMAND MET	15972	15174	15041	13403
Load Shedding	360	471	61	22
MSEDCL DEMAND	16332	15645	15102	13425
TPCL GENERATION	1155	1142	1118	742
R-INFRA GENERATION	514	518	518	518
MUMBAI DEMAND	3087	3085	2849	1774
STATE DEMAND MET	19059	18259	17890	15177
STATE DEMAND	19419	18730	17951	15199
Frequency (Hz)	49.82	49.85	49.81	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 23.00 Hrs	49.63 Hz at 14.22 Hrs	49.87	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/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.41	23.04	160	75
Unit 6	0.00	0.00	0	0
Unit 7	3.67	26.82	170	130
Total	7.08	49.85		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.10	28.46	175	165
Unit 4	9.99	73.22	490	0
Unit 5	9.68	30.30	440	350
Total	23.78	131.98		
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	3.48	21.30	154	134
Unit 3	4.04	20.27	189	139
Unit 4	0.00	0.00	0	0
Unit 5	9.34	64.75	405	370
Unit 6	9.48	65.97	420	370
Unit 7	8.53	57.76	396	290
Total	34.87	230.04		
Paras				
Unit 3	5.29	33.91	226	212
Unit 4	5.54	37.08	250	209
Total	10.83	70.99		
Khaparkheda				
Unit 1	0.00	9.01	0	0
Unit 2	3.22	22.59	155	85
Unit 3	3.51	22.38	158	137
Unit 4	3.49	22.69	158	140
Unit 5	7.22	51.79	354	260
Total	17.45	128.46		
Nasik				
Unit 3	4.54	31.38	195	185
Unit 4	4.33	16.90	192	165
Unit 5	4.61	27.17	204	183
Total	13.49	75.45		
Uran				
All Units	6.39	44.44	273	256
Total	6.39	44.44		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.23	5.81	40	0
Total	0.23	5.81		
Koyna				
Stage 1-2	3.75	29.80	490	40
Stage 4	3.40	29.56	743	0
Stage 3	1.74	13.51	318	0
Total	8.89	72.87		
Hydro				
KDPH	0.44	3.50	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.09	1.45	77	0
RNGR+BHTSA	0.27	0.58	14	0
BHANDARDRA	0.52	3.58	39	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.37	1.80	23	12
GHATGHAR	1.47	6.00	250	0
Total	3.16	16.90		
Wind				
Total	6.74	66.84	0	0
Total	6.74	66.84		
CPP				
APML(Mus)	54.59	394.80	0	0
JSWEL(Mus)	28.31	191.85	0	0
VIPL(Mus)	11.74	84.84	0	0
RPLAMT(Mus)	23.07	143.25	0	0
WPCL(Mus)	3.74	26.41	0	0
Other(Mus)	1.78	14.70	0	0
Total	123.23	855.85		
SOLAR				
Total	1.01	7.60	0	0
Total	1.01	7.60		
Tata				
Trombay 5	10.88	78.59	494	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	16.74	124	86
Trombay 7B	1.58	2.69	71	58
Trombay 8	5.95	41.09	252	231
TATA Hydro	2.57	16.61	242	0
Total	23.63	155.72		
R-INFRA				
1-2	12.42	85.33	519	513
Total	12.42	85.33		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	107.49	686.76
MSPGCL Thml+Gas	113.88	731.21

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.05	89.77
MSPGCL Total	125.93	820.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.15	59.36
State Total	292.97	1992.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Sep/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	4464	102	268	4834	191	5107	0	4860	4857	-744	14245	38	14283	2144	16427	49.93
2	4485	102	268	4855	324	4952	0	4581	4645	-549	14227	22	14249	1947	16196	49.93
3	4466	97	271	4834	375	4914	0	4207	4071	-552	13642	22	13664	1823	15487	49.92
4	4461	107	271	4839	377	4629	0	3931	4072	-514	13403	22	13425	1774	15199	49.89
5	4470	132	272	4874	400	4775	0	4277	4246	-525	13770	22	13792	1776	15568	49.85
6	4466	122	271	4859	401	4711	0	4632	4687	-589	14069	45	14114	1852	15966	49.88
7	4540	417	272	5229	320	4891	4	4705	5036	-710	14770	78	14848	2004	16852	49.81
8	4657	422	273	5352	292	5373	30	4758	4945	-740	15252	78	15330	2167	17497	49.89
9	4640	649	269	5558	276	5251	75	4991	5233	-999	15394	79	15473	2493	17966	49.84
10	4626	1228	263	6117	269	5290	124	5123	5108	-1230	15678	76	15754	2871	18625	49.79
11	4614	1411	265	6290	189	5309	149	5228	5140	-1371	15706	76	15782	3033	18815	49.84
12	4101	1613	264	5978	193	5204	141	5293	5874	-1418	15972	360	16332	3087	19419	49.82
13	4240	1396	262	5898	167	5188	115	5269	5231	-1425	15174	471	15645	3085	18730	49.85
14	4466	978	263	5707	197	5299	112	5196	5042	-1299	15058	361	15419	2957	18376	49.89
15	4567	739	265	5571	249	5290	91	5240	5306	-1312	15195	242	15437	2979	18416	49.82
16	4593	589	266	5448	399	5385	87	5255	4921	-1330	14910	169	15079	3001	18080	49.89
17	4542	443	258	5243	420	5299	59	5228	5407	-1344	15084	130	15214	3001	18215	49.88
18	4496	151	256	4903	442	5113	21	4746	4291	-1363	13407	67	13474	2923	16397	49.91
19	4495	120	261	4876	388	5035	3	4624	5056	-1181	14177	52	14229	2821	17050	49.91
20	4458	611	264	5333	278	5250	0	5252	5393	-1213	15041	61	15102	2849	17951	49.81
21	4462	267	265	4994	199	5301	0	5219	4809	-1173	14130	60	14190	2742	16932	49.91
22	4434	149	265	4848	179	5308	0	5162	4780	-1154	13961	58	14019	2579	16598	49.87
23	4381	104	270	4755	119	5237	0	5105	4864	-1047	13928	27	13955	2473	16428	49.84
24	4369	99	270	4738	98	5119	0	4784	4892	-985	13862	27	13889	2437	16326	49.99
MUs	107.49	12.05	6.39	125.93	6.74	123.23	1.01	117.67	117.91	-24.77	350.06	2.64	352.70	60.82	413.52	49.87

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/Sep/2015

Position as on 6.30 Hrs of 08/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
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	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
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	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
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	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	ESP problem	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
MSPGCL	Khaparkheda Unit 1	210	03/09/2015	22.26		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	06/09/2015	13.03		Continued.	Bottom Ash Problem	
MSPGCL	Chandrapur Unit-8	500	06/09/2015	22.14	07/09/2015	02.40	Main Steam Temp.Low	
MSPGCL	Chandrapur Unit-8	500	07/09/2015	03.48	07/09/2015	06.09	Main Steam Temp.Low	
MSPGCL	Bhusawal Unit 4	500	07/09/2015	10.56	07/09/2015	12.23	Drum level low	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Sep/2015

Position as on 6.30 Hrs of 08/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit-8	500	07/09/2015	18.00	08/09/2015	02.09	Drum level low	

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

Statement-VII

Position as on 6.30 Hrs of 08/Sep/2015

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							
Kolhapur Mapusa I	InterState	06/09/2015	16.01	07/09/2015	06.07	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/09/2015	17.54	07/09/2015	7.13	HT	Over Voltage
Kolhapur Mapusa II	InterState	07/09/2015	18.30		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	04/09/2015	15.23		Continued.	HT	To control padgha-bblr 2 line overloading
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	06/09/2015	16.14	07/09/2015	06.46	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/09/2015	16.34	07/09/2015	06.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/09/2015	17.10	07/09/2015	07.52	HT	Over Voltage
karad -kolhapur-I	IntraState	07/09/2015	16.37		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/09/2015	17.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/09/2015	18.10		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	07/09/2015	8.40	07/09/2015	19.20	PO	line rectification work
220 KV LINE Outages/Trippings							
Wardha Deoli (Pg)	InterState	07/09/2015	14.49	07/09/2015	20.24	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Badnera - Deoli (PG)	InterState	07/09/2015	14.49	07/09/2015	16.18	T	CKT Load become Zero at Deoli(PG) due to tripping of ICT
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 deenergising 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 deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
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
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Ambazari-Abhijeet	IntraState	07/09/2015	10.34	07/09/2015	12.09	PO	Aux.Bus Isolator Maint.work
Miraj - Tilwani	IntraState	07/09/2015	1032	07/09/2015	17.58	PO	Outage on Talandge-Tilwani II
Kanhan-Umred 1	IntraState	07/09/2015	11.12	07/09/2015	14.04	PO	Signature Analysis of Line
Koradi-Butibori Rly Tss	IntraState	07/09/2015	11.21	07/09/2015	15.39	PO	Replacement of CT
Nanded - Parli Ext. Ckt II	IntraState	07/09/2015	12.22	07/09/2015	15.19	PO	Tightening Loose Jumper Nut Bolts
Umred-Kanhan 2	IntraState	07/09/2015	14.14	07/09/2015	16.52	PO	Signature Analysis of Line
Abhijeet-Wardha-I	IntraState	07/09/2015	14.49	07/09/2015	15.22	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Abhijeet-Wardha-II	IntraState	07/09/2015	14.49	07/09/2015	15.25	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Bhugaon- Wardha	IntraState	07/09/2015	14.49	07/09/2015	15.38	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Wardha-Yeotmal	IntraState	07/09/2015	14.49	07/09/2015	15.31	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Warora - Wardha	IntraState	07/09/2015	14.49	07/09/2015	15.26	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Butibori - Wardha	IntraState	07/09/2015	14.49	07/09/2015	15.31	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
Wardha-Dhamangaon	IntraState	07/09/2015	14.49	07/09/2015	15.32	T	LBB operated at Wardha for 220KV Deoli(PG) CKT
220 KV ICT Outages/Trippings							

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/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 08/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Deepnagar (Gcr) - Supreme	IntraState	07/09/2015	06.55	07/09/2015	11.32	T	CB tripped at Supreme end only
Akola-Paras Ckt-Ii	IntraState	07/09/2015	17.55	07/09/2015	18.25	T	Distance Protection
Mankapur-Uppalwadi	IntraState	07/09/2015	19.20	07/09/2015	19.48	T	Distance Protection
Ashti - Mul	IntraState	07/09/2015	19.35	07/09/2015	19.50	T	Distance Protection