

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.671	661.487	1) Gujrat	7.881	36.641
2) Hydro	5.359	32.757	2) Madhya Pradesh	10.795	74.965
3) Gas	6.852	42.045	3) Chattisgarh	4.360	25.620
Total MSPGCL	132.882	736.289	4) Maharashtra Net	93.281	569.310
B) 1) APML	51.660	323.820	5) Goa	-7.263	-44.231
2) JSWEL	27.722	157.882	6) TAPS 1&2 Injection	3.553	21.116
3) VIPL	11.746	66.385	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	20.190	122.430	8) Pench (MS)	0.489	2.984
5) WPCL	4.628	27.166	9) Pench (Excess)	-0.489	-2.984
6) Other IPP	2.337	17.356	Total	112.118	680.437
C) 1) TPCL Thermal	17.491	97.247	a) Mumbai Schedule	26.562	142.017
2) TPCL Hydro	2.759	10.468	b) Mumbai Drawl	29.217	166.956
3) TPCL Gas	3.878	26.666	c) MSEDCL Bilateral *	27.696	165.961
4) R-INFRA Thermal	12.396	70.385	Include PX	-1.890	-2.752
D) STATE			d) Mumbai Bilateral *	26.562	142.017
1) Thermal	268.841	1544.158	Include PX	5.349	26.194
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.118	43.225	H) ENERGY CATERED (MUs)		
3) Gas	10.730	68.711	1) MSEDCL	345.102	2010.116
4) Wind	9.751	39.114	2) Mumbai Discoms	65.741	371.717
6) SOLAR	1.285	6.193	TOTAL STATE	410.843	2381.833
TOTAL STATE	298.725	1701.401			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4908	4845	5339	4928
MSPGCL Hydro	231	69	467	364
MSPGCL Gas	276	270	270	299
MSPGCL Total Generation	5415	5184	6076	5591
Central Sector Receipt	5690	5688	5373	3024
WIND	764	797	390	157
CPP / IPP	4819	4738	4940	4996
SOLAR	169	130	0	0
Exchange with Mumbai	-1575	-1652	-1511	-480
MSEDCL DEMAND MET	15282	14885	15268	13288
Load Shedding	33	23	26	24
MSEDCL DEMAND	15315	14908	15294	13312
TPCL GENERATION	1173	1147	1098	901
R-INFRA GENERATION	518	517	516	517
MUMBAI DEMAND	3266	3316	3125	1898
STATE DEMAND MET	18548	18201	18393	15186
STATE DEMAND	18581	18224	18419	15210
Frequency (Hz)	49.94	49.88	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.01 Hrs	49.81 Hz at 14.34 Hrs	49.98	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 06/Oct/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.54	17.53	156	138
Unit 6	0.00	0.00	0	0
Unit 7	3.60	21.10	165	135
Total	7.15	38.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.32	22.80	170	0
Unit 4	9.24	62.12	440	315
Unit 5	9.24	63.47	420	340
Total	21.80	148.40		
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	3.33	20.10	144	134
Unit 3	4.60	26.92	207	172
Unit 4	4.51	26.15	205	164
Unit 5	9.18	14.72	400	370
Unit 6	9.99	58.74	440	385
Unit 7	10.03	58.11	452	379
Total	41.64	204.75		
Paras				
Unit 3	4.96	29.37	221	186
Unit 4	4.73	27.83	215	165
Total	9.70	57.20		
Khaparkheda				
Unit 1	3.49	13.40	170	130
Unit 2	3.60	20.04	170	130
Unit 3	3.73	23.00	167	150
Unit 4	0.59	7.75	139	0
Unit 5	8.63	52.68	400	335
Total	20.04	116.86		
Nasik				
Unit 3	4.48	26.63	190	180
Unit 4	0.00	15.40	0	0
Unit 5	4.57	26.87	198	183
Total	9.05	68.89		
Uran				
All Units	6.85	42.04	299	270
Total	6.85	42.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.49	2.98	23	13
Total	0.49	2.98		
Koyna				
Stage 1-2	2.52	12.74	400	40
Stage 4	0.27	2.08	101	0
Stage 3	0.74	3.00	160	0
Total	3.52	17.81		
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.	0.16	1.03	80	0
RNGR+BHTSA	0.00	0.21	0	0
BHANDARDRA	0.46	2.96	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	1.56	15	4
GHATGHAR	1.04	6.58	120	0
Total	1.84	14.94		
Wind				
Total	9.75	39.11	0	0
Total	9.75	39.11		
CPP				
APML(Mus)	51.66	323.82	0	0
JSWEL(Mus)	27.72	157.88	0	0
VIPL(Mus)	11.75	66.38	0	0
RPLAMT(Mus)	20.19	122.43	0	0
WPCL(Mus)	4.63	27.17	0	0
Other(Mus)	2.34	17.36	0	0
Total	118.28	715.04		
SOLAR				
Total	1.28	6.19	0	0
Total	1.28	6.19		
Tata				
Trombay 5	11.59	62.26	487	475
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	16.93	122	69
Trombay 7B	1.49	9.74	69	53
Trombay 8	5.90	34.99	248	244
TATA Hydro	2.76	10.47	306	0
Total	24.13	134.38		
R-INFRA				
1-2	12.40	70.38	518	513
Total	12.40	70.38		

Infirm Power	Chandrapur 8	4.97
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.67	661.49
MSPGCL Thml+Gas	127.52	703.53

Koradi 8	6.32	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.36	32.76
MSPGCL Total	132.88	736.29

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.78	14.82
State Total	298.72	1701.40

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Oct/2015

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	4893	69	297	5259	120	4964	0	4404	4021	-876	13488	36	13524	2308	15832	50.01
2	4913	64	297	5274	109	4901	0	4302	3728	-669	13343	24	13367	2102	15469	50.01
3	4918	224	298	5440	129	4854	0	4286	3685	-570	13538	24	13562	1994	15556	50.02
4	4934	109	297	5340	136	4884	0	4167	3454	-497	13317	24	13341	1920	15261	50.03
5	4928	364	299	5591	157	4996	0	4190	3024	-480	13288	24	13312	1898	15210	50.02
6	4983	568	297	5848	207	4926	0	4523	3160	-546	13595	33	13628	1976	15604	49.97
7	5028	258	299	5585	245	5070	2	4774	4086	-667	14321	37	14358	2090	16448	49.99
8	5135	148	298	5581	256	5062	34	4831	4794	-791	14936	37	14973	2224	17197	49.97
9	5097	159	294	5550	268	5053	80	5049	5203	-1120	15034	33	15067	2542	17609	49.93
10	5078	202	277	5557	439	5058	140	5316	5274	-1462	15006	28	15034	2919	17953	50.03
11	5012	254	280	5546	683	5073	151	5423	5228	-1578	15103	28	15131	3214	18345	49.89
12	4908	231	276	5415	764	4819	169	5444	5690	-1575	15282	33	15315	3266	18581	49.94
13	4782	133	274	5189	884	4882	187	5361	5337	-1623	14856	33	14889	3269	18158	49.98
14	4813	74	273	5160	933	4778	178	5318	5317	-1587	14779	32	14811	3218	18029	49.98
15	4845	69	270	5184	797	4738	130	5422	5688	-1652	14885	23	14908	3316	18224	49.88
16	4917	119	277	5313	644	4817	125	5520	5277	-1625	14551	23	14574	3319	17893	49.96
17	4990	354	278	5622	481	4694	73	5259	5286	-1581	14575	23	14598	3295	17893	49.89
18	5028	319	276	5623	279	4936	16	4773	4799	-1572	14081	23	14104	3202	17306	50.01
19	5174	512	277	5963	340	4833	0	5044	4996	-1577	14555	23	14578	3181	17759	49.98
20	5339	467	270	6076	390	4940	0	5399	5373	-1511	15268	26	15294	3125	18419	50.01
21	5307	295	278	5880	463	4951	0	5149	5107	-1525	14876	26	14902	2977	17879	50.03
22	5345	189	287	5821	398	5034	0	4812	4428	-1413	14268	26	14294	2828	17122	50.05
23	5254	109	291	5654	320	5061	0	4762	4525	-1377	14183	26	14209	2793	17002	50.00
24	5050	69	292	5411	309	4959	0	4607	4638	-1343	13974	26	14000	2765	16765	50.04
MUs	120.67	5.36	6.85	132.88	9.75	118.28	1.29	118.13	112.12	-29.22	345.10	0.67	345.77	65.74	411.51	49.98

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 06/Oct/2015

Position as on 6.30 Hrs of 07/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	
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		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	28/09/2015	23.11	07/10/2015	06.30	Gas shortage	
MSPGCL	Khaparkheda Unit 4	210	02/10/2015	21.12	06/10/2015	18.14	Turbine Problem.	
MSPGCL	Nasik Unit 4	210	04/10/2015	11.32		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	06/10/2015	11.48	06/10/2015	13.03	LV Side Station T/F Tripped.	
MSPGCL	Bhusawal Unit 3	210	06/10/2015	13.12	06/10/2015	14.21	Turbine Problem Hunting in Turbine.	
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 06/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 07/Oct/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 II	InterState	05/10/2015	13.42	06/10/2015	07.03	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/10/2015	20.32	06/10/2015	06.56	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/10/2015	07.32	06/10/2015	20.10	PO	Routine Maintenance Work
Dabhol Nagothane I	InterState	06/10/2015	10.16	06/10/2015	10.52	PO	Routine Maintenance Work
Dabhol New koyna I	InterState	06/10/2015	11.21		Continued.	PO	Line Maintenance work
Kolhapur Mapusa II	InterState	06/10/2015	17.02		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56	06/10/2015	09.40	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	29/09/2015	17.35		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/10/2015	16.15		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	05/10/2015	16.48	07/10/2015	06.56	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/10/2015	18.12	06/10/2015	07.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/10/2015	01.27	06/10/2015	08.29	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	06/10/2015	08.46	06/10/2015	17.10	PO	Hot Line Work.(Shifted on TBC)
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Lonikand 1 -Jejuri	IntraState	06/10/2015	10.24	06/10/2015	14.02	PO	To Attend Hot Spot On 298 Isolator At Lonikand End (T shifted On TBC).
Babhaleshwar- Aurangabad (Waluj)	IntraState	06/10/2015	10.53	06/10/2015	19.25	PO	To attend Hot Spot
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		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	06/10/2015	03.58	06/10/2015	04.24	T	Distance Protection
Nasik Navsari I	InterState	06/10/2015	15.55	06/10/2015	19.40	PO	Replacement of Faulty String.
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
Jambhul - Pal	IntraState	05/10/2015	18.13	06/10/2015	14.21	T	Distance Protection
Flagship-Chinchwad	IntraState	06/10/2015	01.42	06/10/2015	06.20	EO	To attend Hot Spot
Badnera-Akola I	IntraState	06/10/2015	09.10	06/10/2015	17.28	PO	Tan Delta Measurment of CTs
Dasturi-Kandalgaon Line	IntraState	06/10/2015	09.10	06/10/2015	13.15	PO	Jumper Replacement Work.
Babhaleshwar- Ranjangaon	IntraState	06/10/2015	09.19	06/10/2015	17.19	HT	For lct Loading.
Karad - Vita Ckt- I	IntraState	06/10/2015	10.20		Continued.	PO	Insulator Replacement Work.
Mudshingi-Wathar	IntraState	06/10/2015	10.34	06/10/2015	13.50	PO	To attend Hot Spot
Parli 2-(Girwali) -Murud	IntraState	06/10/2015	11.03	06/10/2015	13.12	PO	Quarterly Maintainance Work
Warora - Wardha	IntraState	06/10/2015	11.04	06/10/2015	13.45	PO	For Attending Hot Spot On B Ph Ct.
Gcr Chandrapur - Grace Ltd	IntraState	06/10/2015	12.24	06/10/2015	14.11	T	Sparking on B PH Isolator.
Kalmeshwar-Pandhurna	IntraState	06/10/2015	12.35	06/10/2015	19.24	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	06/10/2015	13.50	06/10/2015	16.59	PO	Attending 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 06/Oct/2015

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 Panal
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	06/10/2015	09.29	06/10/2015	14.19	PO	Quarterly Maintainance Work
220/132 KV 200MVA ICT II @ Tilwani	IntraState	06/10/2015	10.22	06/10/2015	13.20	PO	Testing Work
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	06/10/2015	12.18	06/10/2015	18.10	PO	Taken On TBC From LV Side Testing Work.
220/132 Kv 200MVA ICT II @Dhule	IntraState	06/10/2015	22.23	06/10/2015	22.28	EO	Attending Hot Spot
132 KV LINE Outages/Trippings							
Killari Tap On Ujani-Omerga	IntraState	06/10/2015	06.02	06/10/2015	06.20	T	Distance Protection
Bhusawal - Yaval	IntraState	06/10/2015	11.42	06/10/2015	11.45	T	LTS Optd Due to Bhusawal Unit-3 Generation Huaning.
Deepnagar- Nimbhora	IntraState	06/10/2015	11.42	06/10/2015	11.45	T	LTS Optd Due to Bhusawal Unit-3 Generation Huaning.
Pachora-Chalishaon-1	IntraState	06/10/2015	12.09	06/10/2015	12.23	T	Backup Protection
Pachora-Chalishaon-2	IntraState	06/10/2015	12.09	06/10/2015	16.24	T	Distance Protection Operated Z-II Sotf.AR Optd.

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