

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jun/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.522	1218.405	1) Gujrat	3.327	9.067
2) Hydro	8.620	122.678	2) Madhya Pradesh	11.932	143.216
3) Gas	6.308	65.116	3) Chattisgarh	5.050	40.120
Total MSPGCL	132.450	1406.199	4) Maharashtra Net	97.522	1020.656
B) 1) APMIL	57.800	568.760	5) Goa	-6.596	-68.490
2) JSWEL	18.252	162.310	6) TAPS 1&2 Injection	2.778	14.255
3) VIPL	8.266	111.631	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.920	51.440	8) Pench (MS)	0.155	0.913
5) WPCL	9.478	63.061	9) Pench (Excess)	-0.155	-0.510
6) Other IPP	5.587	55.264	Total	113.858	1158.314
C) 1) TPCL Thermal	17.150	165.170	a) Mumbai Schedule	26.489	279.487
2) TPCL Hydro	3.690	37.403	b) Mumbai Drawl	30.812	306.363
3) TPCL Gas	2.580	26.627	c) MSEDCL Bilateral *	29.346	305.383
4) R-INFRA Thermal	12.232	120.418	Include PX	-0.620	2.729
D) STATE			d) Mumbai Bilateral *	26.489	279.487
1) Thermal	251.207	2516.459	Include PX	1.228	18.132
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.310	160.081	H) ENERGY CATERED (MUs)		
3) Gas	8.888	91.743	1) MSEDCL	339.761	3433.853
4) Wind	18.731	152.138	2) Mumbai Discoms	66.466	655.974
6) SOLAR	1.231	10.589	TOTAL STATE	406.227	4089.827
TOTAL STATE	292.367	2931.010			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5130	5042	4653	4786
MSPGCL Hydro	1138	977	137	84
MSPGCL Gas	256	259	260	272
MSPGCL Total Generation	6524	6278	5050	5142
Central Sector Receipt	5352	5396	5114	3497
WIND	376	686	1246	811
CPP / IPP	4330	4431	4362	4114
SOLAR	163	90	0	0
Exchange with Mumbai	-1502	-1596	-1484	-744
MSEDCL DEMAND MET	15243	15285	14288	12820
Load Shedding	46	37	42	42
MSEDCL DEMAND	15289	15322	14330	12862
TPCL GENERATION	1225	1159	911	839
R-INFRA GENERATION	509	511	508	511
MUMBAI DEMAND	3236	3266	2903	2094
STATE DEMAND MET	18479	18551	17191	14914
STATE DEMAND	18525	18588	17233	14956
Frequency (Hz)	49.87	49.94	50.02	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.06 Hrs	49.76 Hz at 11.16 Hrs	49.96	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 10/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.61	20.32	155	145
Unit 6	0.00	0.00	0	0
Unit 7	0.00	6.35	0	0
Total	3.61	26.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.44	106.55	500	375
Unit 5	10.53	68.67	500	370
Total	20.96	175.22		
Parli				
Unit 3	3.27	35.03	158	115
Unit 4	0.00	0.00	0	0
Unit 5	3.62	35.73	155	144
Unit 6	4.73	48.56	224	153
Unit 7	4.81	51.59	240	181
Total	16.42	170.90		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	2.46	30.51	149	0
Unit 3	4.16	42.79	200	136
Unit 4	4.24	42.17	190	150
Unit 5	9.65	93.45	432	375
Unit 6	0.00	84.60	0	0
Unit 7	6.59	61.29	364	213
Total	27.11	354.81		
Paras				
Unit 3	5.52	53.75	250	204
Unit 4	5.31	53.31	240	202
Total	10.83	107.06		
Khaparkheda				
Unit 1	3.76	31.34	175	140
Unit 2	3.65	35.38	175	130
Unit 3	4.01	40.12	192	151
Unit 4	3.84	38.15	167	152
Unit 5	9.94	100.57	480	370
Total	25.19	245.56		
Nasik				
Unit 3	4.65	46.94	205	185
Unit 4	4.14	45.25	182	144
Unit 5	4.60	45.98	203	185
Total	13.38	138.18		
Uran				
All Units	6.31	65.12	272	244
Total	6.31	65.12		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	0.91	50	0
Total	0.16	0.91		
Koyna				
Stage 1-2	2.92	40.21	440	40
Stage 4	2.24	37.18	460	0
Stage 3	1.02	17.19	160	0
Total	6.19	94.58		
Hydro				
KDPH	0.46	2.50	30	14
VTRNA	0.80	8.31	61	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	2.04	80	0
RNGR+BHTSA	0.22	1.76	9	8
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.06	1.60	9	0
GHATGHAR	0.72	8.30	125	0
Total	2.43	28.10		
Wind				
Total	18.73	152.14	0	0
Total	18.73	152.14		
CPP				
APML(Mus)	57.80	568.76	0	0
JSWEL(Mus)	18.25	162.31	0	0
VIPL(Mus)	8.27	111.63	0	0
RPLAMT(Mus)	4.92	51.44	0	0
WPCL(Mus)	9.48	63.06	0	0
Other(Mus)	5.59	55.26	0	0
Total	104.30	1012.47		
SOLAR				
Total	1.23	10.59	0	0
Total	1.23	10.59		
Tata				
Trombay 5	11.18	100.20	493	420
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	14.93	60	59
Trombay 7B	1.15	11.70	48	47
Trombay 8	5.97	51.17	251	237
TATA Hydro	3.69	37.40	374	0
Total	23.42	229.20		
R-INFRA				
1-2	12.23	120.42	512	502
Total	12.23	120.42		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	117.52	1218.40
MSPGCL Thml+Gas	123.83	1283.52

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.62	122.68
MSPGCL Total	132.45	1406.20

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.17	77.39
State Total	292.37	2931.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jun/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	4919	306	270	5495	827	4317	0	4309	4559	-1269	13929	58	13987	2633	16620	49.94
2	4812	72	270	5154	791	4248	0	4310	4454	-963	13684	42	13726	2408	16134	49.97
3	4795	79	270	5144	851	4191	0	3988	3990	-811	13365	42	13407	2262	15669	49.97
4	4847	79	272	5198	864	4149	0	3842	3783	-767	13227	42	13269	2166	15435	49.97
5	4786	84	272	5142	811	4114	0	3860	3497	-744	12820	42	12862	2094	14956	49.92
6	4821	134	272	5227	711	4010	0	3937	3930	-768	13110	47	13157	2106	15263	49.91
7	4953	109	271	5333	534	4237	4	4279	4165	-752	13521	47	13568	2085	15653	49.96
8	4936	81	270	5287	389	4358	42	4396	4670	-813	13933	47	13980	2176	16156	49.94
9	4959	125	264	5348	436	4447	93	4690	5264	-1174	14414	50	14464	2534	16998	49.97
10	4949	216	259	5424	451	4564	125	4721	5382	-1343	14603	50	14653	2872	17525	49.90
11	5116	752	257	6125	394	4416	159	4804	5459	-1518	15035	48	15083	3177	18260	49.91
12	5130	1138	256	6524	376	4330	163	4959	5352	-1502	15243	46	15289	3236	18525	49.87
13	5234	915	258	6407	347	4308	161	4960	5413	-1550	15086	46	15132	3262	18394	49.93
14	5208	975	257	6440	386	4296	171	4898	5244	-1591	14946	41	14987	3226	18213	49.92
15	5199	950	258	6407	607	4447	113	4998	5292	-1587	15279	37	15316	3261	18577	49.90
16	5042	977	259	6278	686	4431	90	4944	5396	-1596	15285	37	15322	3266	18588	49.94
17	5040	504	261	5805	884	4448	73	4875	5235	-1612	14833	37	14870	3261	18131	49.99
18	4613	169	264	5046	1053	4406	34	4535	5045	-1573	14011	37	14048	3144	17192	50.04
19	4454	158	258	4870	1243	4435	3	3804	4279	-1549	13281	37	13318	3007	16325	50.05
20	4665	204	258	5127	1175	4398	0	4427	4835	-1505	14030	42	14072	2962	17034	50.02
21	4653	137	260	5050	1246	4362	0	4625	5114	-1484	14288	42	14330	2903	17233	50.02
22	4782	139	262	5183	1384	4427	0	4505	4690	-1446	14238	42	14280	2830	17110	50.00
23	4822	194	266	5282	1157	4428	0	4483	4312	-1414	13765	42	13807	2799	16606	49.93
24	4787	123	244	5154	1128	4536	0	4559	4498	-1481	13835	42	13877	2804	16681	49.98
MUs	117.5 2	8.62	6.31	132.45	18.73	104.30	1.23	107.71	113.86	-30.81	339.76	1.04	340.80	66.47	407.28	49.96

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 10/Jun/2015

Position as on 6.30 Hrs of 11/Jun/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 1	160	12/10/2014	22:39		Continued.	Refuelling work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
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	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl requirement	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG-IV Unit-4	250	09/06/2015	11.00	10/06/2015	01.55	To attend water leakage SP Valve.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation major problem.	
MSPGCL	Koradi Unit 7	210	09/06/2015	17.11		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	10/06/2015	11.10	10/06/2015	22.05	HP/LP system oil leakage.	
MSPGCL	Chandrapur Unit 2	210	10/06/2015	17.01	10/06/2015	23.52	On jerk with Stn.Board	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jun/2015

Position as on 6.30 Hrs of 11/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							supply failed.	
MSPGCL	Uran Unit 5	108	11/06/2015	00.11		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	11/06/2015	00.12		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	10/06/2015	00.07	10/06/2015	08.17	PO	P.M.Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa II	InterState	09/06/2015	16.51	10/06/2015	09.06	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/06/2015	20.49	10/06/2015	07.08	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	10/06/2015	12.27	10/06/2015	23.33	EO	Repl of faulty insulator string.
Kolhapur Mapusa I	InterState	10/06/2015	17.21	11/06/2015	06.50	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/06/2015	18.16		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	11/06/2015	03.31	11/06/2015	03.58	T	Distance Protection
Dhule Sar'Sarovar II	InterState	11/06/2015	04.01		Continued.	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	06/06/2015	01.21		Continued.	HT	To control line loading
New Koyana - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage.
karad -kolhapur-II	IntraState	09/06/2015	16.37	10/06/2015	09.11	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/06/2015	17.54	10/06/2015	09.14	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/06/2015	21.47	10/06/2015	06.23	HT	Over Voltage
Chandrapur-Parali III	IntraState	10/06/2015	09.36	10/06/2015	21.13	PO	Insulator repl.work.
karad -kolhapur-II	IntraState	10/06/2015	17.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/06/2015	21.52		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/06/2015	22.31		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	10/06/2015	09.14	10/06/2015	13.39	PO	Shifted on TBC.
400/220/33 kv 315 MVA ICT-I @Chandrapur	IntraState	10/06/2015	17.01	10/06/2015	17.33	T	B-Ph HV bushing clamp jumper open.
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	10/06/2015	17.01	10/06/2015	22.22	T	B-Ph HV bushing clamp jumper open.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	10/06/2015	22.44	10/06/2015	23.13	T	Tripped on NDR.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	11/06/2015	06.04		Continued.	PO	Hot spot on bushing.
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) II	InterState	10/06/2015	00.46	10/06/2015	06.17	T	Dist Prot,B-Ph WT suspension insulator flashover.
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
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.
Padghe - Jambhul 2	IntraState	09/06/2015	11.13		Continued.	PO	Shifted on TBC,Bus isolator maint.
Boisar Versova Line	IntraState	10/06/2015	00.40	10/06/2015	06.29	PO	Transfer of teleprotection system equip.from PLCC to SDH.
Koradi-Khaperkheda	IntraState	10/06/2015	06.27	10/06/2015	17.27	PO	Stringing of K'kheda(new)-Koradi II Ckt.

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 10/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 11/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar Trombay	IntraState	10/06/2015	06.38	10/06/2015	08.13	PO	Cable Work.
Butibori-Khaperkheda	IntraState	10/06/2015	06.40	10/06/2015	17.57	PO	Stringing of K'kheda(new)-Koradi II Ckt.
Mahad - Pedambe	IntraState	10/06/2015	07.27	10/06/2015	20.28	PO	220KV Bus Strengthening work.
Padghe - Vasai-li Line	IntraState	10/06/2015	10.03	10/06/2015	14.35	PO	Red hot spot.
Osmanabad - Barshi	IntraState	10/06/2015	10.10	10/06/2015	15.23	PO	Q.M.Work.
Kanhan-Suryalakshmi	IntraState	10/06/2015	11.02	10/06/2015	13.15	PO	Attending Hot Spot
Kanhan-Bhandara I	IntraState	10/06/2015	12.35	10/06/2015	14.07	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	10/06/2015	07.30	10/06/2015	18.19	PO	Maint.work.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	10/06/2015	12.48	10/06/2015	18.05	PO	Oil leakage.
132 KV LINE Outages/Trippings							
Dondaicha- Shahada	IntraState	07/06/2015	21.08		Continued.	T	L A Brust @ Shahada.

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