

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.849	1160.867	1) Gujrat	-1.250	-39.201
2) Hydro	15.829	191.525	2) Madhya Pradesh	11.390	121.621
3) Gas	6.697	64.135	3) Chattisgarh	7.830	58.130
Total MSPGCL	128.375	1416.527	4) Maharashtra Net	99.515	1022.098
B) 1) APML	56.860	546.310	5) Goa	-6.430	-73.718
2) JSWEL	22.582	237.013	6) TAPS 1&2 Injection	3.200	33.126
3) VIPL	9.267	115.066	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.210	56.210	8) Pench (MS)	0.107	0.530
5) WPCL	8.396	83.785	9) Pench (Excess)	-0.107	-0.530
6) Other IPP	5.821	60.654	Total	114.148	1121.526
C) 1) TPCL Thermal	16.603	166.728	a) Mumbai Schedule	19.561	257.507
2) TPCL Hydro	1.023	34.521	b) Mumbai Drawl	22.628	269.016
3) TPCL Gas	3.072	28.367	c) MSEDCL Bilateral *	32.011	306.596
4) R-INFRA Thermal	11.795	119.928	Include PX	-0.116	7.315
D) STATE			d) Mumbai Bilateral *	19.561	257.507
1) Thermal	242.383	2546.561	Include PX	1.944	18.462
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	16.852	226.046	H) ENERGY CATERED (MUs)		
3) Gas	9.769	92.502	1) MSEDCL	342.000	3508.766
4) Wind	12.913	128.173	2) Mumbai Discoms	55.121	618.560
6) SOLAR	1.056	11.988	TOTAL STATE	397.121	4127.326
TOTAL STATE	282.973	3005.270			

* 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 6 Hrs
MSPGCL Thermal	4371	4512	4519	4166
MSPGCL Hydro	1203	1599	441	127
MSPGCL Gas	274	275	280	285
MSPGCL Total Generation	5848	6386	5240	4578
Central Sector Receipt	5053	5034	5244	4605
WIND	412	290	460	534
CPP / IPP	4580	4725	4648	4466
SOLAR	155	86	0	0
Exchange with Mumbai	-957	-928	-1064	-731
MSEDCL DEMAND MET	15091	15593	14528	13452
Load Shedding	51	42	43	51
MSEDCL DEMAND	15142	15635	14571	13503
TPCL GENERATION	876	919	899	855
R-INFRA GENERATION	516	516	488	519
MUMBAI DEMAND	2349	2363	2451	2105
STATE DEMAND MET	17440	17956	16979	15557
STATE DEMAND	17491	17998	17022	15608
Frequency (Hz)	49.98	49.98	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.04 Hrs	49.72 Hz at 19.25 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 10/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.42	34.35	155	120
Unit 6	0.00	0.00	0	0
Unit 7	3.69	37.07	165	137
Total	7.11	71.42		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.08	104.93	390	355
Unit 5	9.05	100.64	390	360
Total	18.14	205.57		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.50	25.95	150	143
Unit 6	4.69	52.81	214	172
Unit 7	4.79	52.65	220	191
Total	12.99	140.57		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.55	20.79	152	146
Unit 3	4.22	45.02	197	167
Unit 4	4.06	41.88	186	161
Unit 5	1.34	2.97	300	0
Unit 6	9.18	62.37	415	370
Unit 7	9.01	94.82	432	338
Total	31.37	267.86		
Paras				
Unit 3	5.30	51.77	243	192
Unit 4	5.24	52.07	241	184
Total	10.54	103.84		
Khaparkheda				
Unit 1	3.82	40.88	170	150
Unit 2	3.60	36.45	165	120
Unit 3	0.00	32.40	0	0
Unit 4	4.13	41.96	178	158
Unit 5	1.03	100.71	425	0
Total	12.58	252.40		
Nasik				
Unit 3	4.42	45.78	185	180
Unit 4	4.38	44.79	187	173
Unit 5	4.33	28.64	182	178
Total	13.13	119.22		
Uran				
All Units	6.70	64.14	286	272
Total	6.70	64.14		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	0.53	33	0
Total	0.11	0.53		
Koyna				
Stage 1-2	6.42	51.59	505	40
Stage 4	3.77	70.99	780	0
Stage 3	2.24	26.96	240	0
Total	12.43	149.54		
Hydro				
KDPH	0.41	5.32	17	17
VTRNA	0.92	9.08	61	0
TILLARI	0.38	3.71	64	0
BHTGR/VEER	0.06	0.65	3	2
BHIRA T.R.	0.33	1.82	40	0
RNGR+BHTSA	0.26	2.05	11	10
BHANDARDRA	0.00	2.74	0	0
ELDARY	0.24	1.17	10	9
SMLHY_PTN	0.38	7.19	22	13
GHATGHAR	0.43	8.25	125	0
Total	3.40	41.98		
Wind				
Total	12.91	128.17	0	0
Total	12.91	128.17		
CPP				
APML(Mus)	56.86	546.31	0	0
JSWEL(Mus)	22.58	237.01	0	0
VIPL(Mus)	9.27	115.07	0	0
RPLAMT(Mus)	5.21	56.21	0	0
WPCL(Mus)	8.40	83.78	0	0
Other(Mus)	5.82	60.65	0	0
Total	108.14	1099.04		
SOLAR				
Total	1.06	11.99	0	0
Total	1.06	11.99		
Tata				
Trombay 5	10.82	107.17	493	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	16.57	117	59
Trombay 7B	1.27	11.80	67	47
Trombay 8	5.78	59.56	252	200
TATA Hydro	1.02	34.52	127	4
Total	20.70	229.62		
R-INFRA				
1-2	11.80	119.93	520	380
Total	11.80	119.93		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	105.85	1160.87
MSPGCL Thml+Gas	112.55	1225.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	15.83	191.52
MSPGCL Total	128.38	1416.53

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	10.19	122.58
State Total	282.97	3005.27

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/May/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	4648	257	283	5188	1400	4231	0	4032	4135	-1104	13850	64	13914	2590	16504	49.86
2	4636	346	283	5265	1050	4202	0	3899	3973	-924	13566	48	13614	2415	16029	49.90
3	4408	407	283	5098	947	4309	0	3953	4139	-777	13716	48	13764	2272	16036	49.88
4	4195	282	283	4760	587	4289	0	4179	4568	-792	13412	48	13460	2172	15632	49.93
5	4174	197	286	4657	568	4454	0	4209	4622	-735	13566	48	13614	2133	15747	49.92
6	4166	127	285	4578	534	4466	0	4541	4605	-731	13452	51	13503	2105	15608	50.00
7	4188	137	285	4610	635	4434	6	4720	4709	-672	13722	54	13776	2035	15811	50.00
8	4179	118	285	4582	650	4509	34	4833	4818	-636	13957	54	14011	2004	16015	50.03
9	4238	159	280	4677	483	4417	64	4773	4883	-675	13849	54	13903	2059	15962	50.06
10	4274	637	276	5187	478	4356	109	4540	4877	-786	14221	54	14275	2154	16429	49.99
11	4338	1017	275	5630	363	4495	124	4709	5028	-904	14736	51	14787	2275	17062	49.99
12	4371	1203	274	5848	412	4580	155	4783	5053	-957	15091	51	15142	2349	17491	49.98
13	4343	1252	273	5868	367	4237	142	4767	4944	-964	14594	51	14645	2391	17036	49.96
14	4374	1288	272	5934	355	4917	144	4760	4868	-968	15250	43	15293	2373	17666	49.97
15	4383	1512	272	6167	327	4474	114	4734	5002	-958	15126	40	15166	2375	17541	49.93
16	4512	1599	275	6386	290	4725	86	4691	5034	-928	15593	42	15635	2363	17998	49.98
17	4478	1510	277	6265	295	4597	53	4630	4613	-867	14956	42	14998	2318	17316	50.02
18	4480	420	278	5178	404	4648	23	4392	4140	-908	13485	42	13527	2254	15781	50.08
19	4482	273	278	5033	522	4596	2	4017	4210	-1148	13215	42	13257	2218	15475	50.00
20	4500	435	279	5214	434	4683	0	4625	4840	-1035	14136	43	14179	2367	16546	49.94
21	4519	441	280	5240	460	4648	0	4976	5244	-1064	14528	43	14571	2451	17022	49.95
22	4592	375	280	5247	470	4662	0	4790	4983	-1281	14081	43	14124	2419	16543	49.99
23	4662	887	278	5827	425	4644	0	4517	5173	-1339	14730	43	14773	2465	17238	49.93
24	4709	950	277	5936	457	4563	0	4980	5683	-1475	15164	43	15207	2564	17771	49.98
MUs	105.85	15.83	6.70	128.38	12.91	108.14	1.06	109.05	114.14	-22.63	342.00	1.14	343.14	55.12	398.26	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 10/May/2015

Position as on 6.30 Hrs of 11/May/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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification 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.	PA Fan Vibration Problem	
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	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
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.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high.	
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 requirment	
MSPGCL	Chandrapur Unit 5	500	01/05/2015	04.30	10/05/2015	17.26	Air heater problem	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
IPP	Adani U-2	660	06/05/2015	04.23		Continued.	FRS MOV Bonnet leakage.	
MSPGCL	Khaparkhedha Unit 3	210	08/05/2015	17.41		Continued.	Flame Failure	
MSPGCL	Khaparkhedha Unit 5	500	10/05/2015	02.27		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
MSPGCL	Koradi Unit 5	200	11/05/2015	04.20		Continued.	I D Fan Bearing Temp.High.	
MSPGCL	Nasik Unit 4	210	11/05/2015	04.30		Continued.	Gland Cooler Leakage.	

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

Statement-VII

Position as on 6.30 Hrs of 11/May/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	IntraState	21/04/2015	00.07		Continued.	HT	To Control Line Loading of Waluj-A'Bad PG
Wardha PG - Aurangabad PG IV	IntraState	21/04/2015	10.33		Continued.	HT	Line Rectification work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	04/05/2015	20.47		Continued.	EO	CB under lockout at Wardha PG end.
Kolhapur Mapusa I	InterState	09/05/2015	17.34	10/05/2015	09.18	HT	Over Voltage
Dhule Khandwa I	InterState	09/05/2015	22.49	10/05/2015	19.09	T	Distance Protection Operated Z-I R Ph to Earth.
Kolhapur Mapusa I	InterState	10/05/2015	16.40		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/05/2015	17.55		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	Over Current Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	01/05/2015	12.16		Continued.	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	09/05/2015	16.48	10/05/2015	11.23	T	Distance Protection
Bhusawal-Aurangabad	IntraState	09/05/2015	18.02	10/05/2015	11.00	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	09/05/2015	18.12	10/05/2015	10.39	HT	Over Voltage
karad -kolhapur-II	IntraState	09/05/2015	22.01	10/05/2015	09.08	HT	Over Voltage
Padghe - Kalwa- I	IntraState	10/05/2015	09.45		Continued.	PO	29B Isolator Maintenance Work.
karad -kolhapur-II	IntraState	10/05/2015	16.24		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/05/2015	17.45	11/05/2015	06.04	HT	Over Voltage
220 KV LINE Outages/Trippings							
Talandge Chikodi	InterState	09/05/2015	22.44	10/05/2015	01.27	T	A/R Successful from Talandge End.
Talandge Chikodi	InterState	10/05/2015	11.53	10/05/2015	18.13	PO	Conductor Replacement Work.
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.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Khadka-Bhadli-2	IntraState	06/05/2015	13.28		Continued.	HT	Compressor problem at Bhadli end
New Koyna - Niwali	IntraState	09/05/2015	22.12	10/05/2015	00.29	HT	Heavy Sparking.
Talandge-Hamidwada	IntraState	10/05/2015	11.53	10/05/2015	17.31	PO	Line Maintenance work
Padghe - Nalasopara	IntraState	10/05/2015	14.35	10/05/2015	19.33	T	Wave Trap Jumper Opened.Restored from Boiser PG
Ghodbunder MSETCL Boisar line	IntraState	10/05/2015	14.42	10/05/2015	17.55	PO	Stringing of Conductor.
Wpcl-Warora 2	IntraState	10/05/2015	18.06	10/05/2015	18.36	T	Distance Protection Z-I R Ph E/F.
Talandge-Hamidwada	IntraState	10/05/2015	22.44	10/05/2015	22.49	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
132 KV LINE Outages/Trippings							
Waghala (Nanded2) - Elichpur	IntraState	09/05/2015	21.37		Continued.	T	132 KV Bus Bar Protection Operated.
Waghala (Nanded2) - Narsi	IntraState	09/05/2015	21.37	10/05/2015	10.54	T	132 KV Bus Bar Protection Operated.Y Ph CT Burst.
Waghala (Nanded2) - Narsi	IntraState	10/05/2015	11.41	10/05/2015	20.40	T	Y Ph CT Burst.

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/May/2015

Statement-VII

Position as on 6.30 Hrs of 11/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khadka - Savda	IntraState	11/05/2015	04.02		Continued.	T	B Ph to Ground.