

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/May/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.074	1399.196	1) Gujrat	-3.404	-45.372
2) Hydro	18.995	233.757	2) Madhya Pradesh	14.449	153.341
3) Gas	6.699	77.532	3) Chattisgarh	7.850	74.150
Total MSPGCL	145.768	1710.485	4) Maharashtra Net	104.940	1232.583
B) 1) APML	56.240	647.140	5) Goa	-6.786	-87.642
2) JSWEL	24.396	285.494	6) TAPS 1&2 Injection	3.294	39.694
3) VIPL	11.812	139.804	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.890	68.030	8) Pench (MS)	0.248	0.824
5) WPCL	7.544	98.664	9) Pench (Excess)	-0.248	-0.824
6) Other IPP	4.711	70.925	Total	120.095	1365.930
C) 1) TPCL Thermal	16.292	199.912	a) Mumbai Schedule	28.809	314.928
2) TPCL Hydro	4.230	42.847	b) Mumbai Drawl	30.220	328.259
3) TPCL Gas	3.828	36.268	c) MSEDCL Bilateral *	29.769	369.723
4) R-INFRA Thermal	11.778	144.055	Include PX	-0.310	6.398
D) STATE			d) Mumbai Bilateral *	28.809	314.878
1) Thermal	258.737	3053.220	Include PX	1.845	24.392
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.050
2) Hydro	23.225	276.604	H) ENERGY CATERED (MUs)		
3) Gas	10.527	113.800	1) MSEDCL	357.047	4225.232
4) Wind	9.628	151.747	2) Mumbai Discoms	66.346	751.340
6) SOLAR	1.183	14.448	TOTAL STATE	423.393	4976.572
TOTAL STATE	303.300	3609.819			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5035	5215	5252	4749
MSPGCL Hydro	1800	1740	541	117
MSPGCL Gas	272	272	274	291
MSPGCL Total Generation	7107	7227	6067	5157
Central Sector Receipt	5274	5687	4826	4832
WIND	202	190	432	442
CPP / IPP	4503	4922	4887	4270
SOLAR	152	97	0	0
Exchange with Mumbai	-1387	-1415	-1183	-1078
MSEDCL DEMAND MET	15851	16708	15029	13623
Load Shedding	57	56	47	48
MSEDCL DEMAND	15908	16764	15076	13671
TPCL GENERATION	1269	1361	1127	667
R-INFRA GENERATION	505	512	517	381
MUMBAI DEMAND	3161	3288	2827	2126
STATE DEMAND MET	19012	19996	17856	15749
STATE DEMAND	19069	20052	17903	15797
Frequency (Hz)	49.95	49.93	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.43 Hz at 12:39 Hrs	49.7 Hz at 14:17 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 12/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.28	36.16	150	0
Unit 6	0.00	0.00	0	0
Unit 7	3.87	44.53	180	140
Total	5.16	80.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.88	127.28	505	370
Unit 5	10.90	122.89	510	370
Total	21.78	250.16		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.66	33.26	158	146
Unit 6	5.26	63.54	250	160
Unit 7	5.37	63.06	238	205
Total	14.28	169.01		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.38	27.70	154	133
Unit 3	4.69	54.39	203	186
Unit 4	1.57	47.75	172	0
Unit 5	10.00	23.34	435	380
Unit 6	9.86	82.09	420	400
Unit 7	9.92	114.39	430	329
Total	39.42	349.66		
Paras				
Unit 3	5.91	63.40	254	235
Unit 4	5.77	63.56	250	225
Total	11.68	126.95		
Khaparkheda				
Unit 1	4.24	49.57	190	150
Unit 2	2.58	43.18	145	55
Unit 3	4.30	37.30	210	154
Unit 4	3.97	50.19	189	153
Unit 5	0.00	100.71	0	0
Total	15.09	280.96		
Nasik				
Unit 3	4.63	55.28	210	180
Unit 4	3.58	48.83	196	0
Unit 5	4.46	37.65	196	175
Total	12.67	141.76		
Uran				
All Units	6.70	77.53	292	270
Total	6.70	77.53		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.25	0.82	33	0
Total	0.25	0.82		
Koyna				
Stage 1-2	6.06	63.64	485	40
Stage 4	6.45	87.33	840	0
Stage 3	2.55	33.34	240	0
Total	15.05	184.31		
Hydro				
KDPH	0.41	6.13	17	17
VTRNA	0.86	10.84	61	0
TILLARI	0.38	4.47	64	0
BHTGR/VEER	0.06	0.77	3	2
BHIRA T.R.	0.16	2.12	40	0
RNGR+BHTSA	0.25	2.55	11	10
BHANDARDRA	0.12	2.86	5	4
ELDARY	0.23	1.64	10	9
SMLHY_PTN	0.83	8.69	40	31
GHATGHAR	0.64	9.37	125	0
Total	3.94	49.45		
Wind				
Total	9.63	151.75	0	0
Total	9.63	151.75		
CPP				
APML(Mus)	56.24	647.14	0	0
JSWEL(Mus)	24.40	285.49	0	0
VIPL(Mus)	11.81	139.80	0	0
RPLAMT(Mus)	5.89	68.03	0	0
WPCL(Mus)	7.54	98.66	0	0
Other(Mus)	4.71	70.92	0	0
Total	110.59	1310.06		
SOLAR				
Total	1.18	14.45	0	0
Total	1.18	14.45		
Tata				
Trombay 5	10.65	128.75	501	318
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	21.46	116	84
Trombay 7B	1.47	14.80	68	57
Trombay 8	5.64	71.16	249	199
TATA Hydro	4.23	42.85	441	0
Total	24.35	279.03		
R-INFRA				
1-2	11.78	144.06	520	380
Total	11.78	144.06		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.07	1399.20
MSPGCL Thml+Gas	126.77	1476.73

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	19.00	233.76
MSPGCL Total	145.77	1710.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	12.50	150.97
State Total	303.30	3609.82

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	4929	198	290	5417	1127	4423	0	4916	5108	-1243	14832	69	14901	2647	17548	49.93
2	4656	167	292	5115	987	4400	0	4704	4883	-1095	14290	48	14338	2428	16766	49.97
3	4697	257	291	5245	764	4395	0	4312	4700	-1065	14039	48	14087	2252	16339	50.00
4	4637	117	290	5044	717	4433	0	4416	4557	-1103	13648	48	13696	2159	15855	50.02
5	4749	117	291	5157	442	4270	0	4469	4832	-1078	13623	48	13671	2126	15797	50.00
6	4861	410	291	5562	256	4321	0	4651	4913	-1090	13962	50	14012	2133	16145	50.09
7	4916	716	291	5923	351	4324	10	4696	4949	-1028	14529	53	14582	2101	16683	50.07
8	4988	829	283	6100	361	4524	33	4767	4610	-1015	14613	53	14666	2199	16865	50.06
9	5104	654	279	6037	265	4497	81	5125	5119	-1207	14792	53	14845	2520	17365	50.03
10	5062	1289	275	6626	211	4619	117	5226	5153	-1304	15422	53	15475	2852	18327	50.01
11	5035	1800	272	7107	202	4503	152	5338	5274	-1387	15851	57	15908	3161	19069	49.95
12	5047	1728	272	7047	158	4522	159	5509	5117	-1380	15623	59	15682	3243	18925	49.93
13	5035	1304	270	6609	115	4507	169	5619	5574	-1468	15506	59	15565	3284	18849	50.00
14	5064	1344	270	6678	125	4760	130	5445	5353	-1457	15589	50	15639	3240	18879	49.96
15	5147	1494	270	6911	112	4882	131	5431	5290	-1408	15918	50	15968	3281	19249	49.81
16	5215	1740	272	7227	190	4922	97	5282	5687	-1415	16708	56	16764	3288	20052	49.93
17	5165	1415	273	6853	160	4909	68	5198	5161	-1436	15715	54	15769	3266	19035	49.98
18	5190	361	274	5825	244	4769	30	4988	5114	-1480	14502	50	14552	3152	17704	50.04
19	4980	447	275	5702	218	4682	6	4560	4508	-1435	13681	46	13727	2970	16697	49.97
20	5140	764	274	6178	344	4785	0	4896	4755	-1324	14738	47	14785	2985	17770	49.93
21	5252	541	274	6067	432	4887	0	4997	4826	-1183	15029	47	15076	2827	17903	49.93
22	5159	380	276	5815	555	4838	0	4974	4822	-1212	14818	47	14865	2760	17625	49.97
23	5064	275	277	5616	679	4733	0	4870	4840	-1207	14661	47	14708	2745	17453	49.89
24	4982	648	277	5907	613	4688	0	4677	4950	-1200	14958	47	15005	2729	17734	49.94
MUs	120.07	19.00	6.70	145.77	9.63	110.59	1.18	119.07	120.09	-30.22	357.05	1.24	358.29	66.35	424.63	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 12/May/2015

Position as on 6.30 Hrs of 13/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	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
MSPGCL	Khaparkheda 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	12/05/2015	13.16	I D Fan Bearing Temp.High.	
MSPGCL	Nasik Unit 4	210	11/05/2015	04.30	12/05/2015	04.00	Gland Cooler Leakage.	
CPP	WPCL U-1	135	11/05/2015	18.19	12/05/2015	00.46	220kv warora circuit 1 & 2 Tripped.	
CPP	WPCL U-4	135	11/05/2015	18.19	12/05/2015	04.40	220kv warora circuit 1 & 2 Tripped.	
IPP	WPCL U-2	135	11/05/2015	18.19	12/05/2015	12.31	220kv warora circuit 1 & 2 Tripped.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/May/2015

Position as on 6.30 Hrs of 13/May/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	12/05/2015	09.18		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/May/2015

Statement-VII

Position as on 6.30 Hrs of 13/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
Koradi-III - Akola-II ckt-I	IntraState	12/05/2015	16.32	12/05/2015	18.54	T	Distance Protection
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 II	InterState	11/05/2015	17.19	12/05/2015	08.27	HT	Over Voltage
Akola Wardha li	InterState	12/05/2015	09.39	12/05/2015	16.48	PO	Testing Work
Kolhapur Solapur (PG) II	InterState	12/05/2015	12.00	12/05/2015	14.25	PO	Annual Maintenance Work
Kolhapur Mapusa I	InterState	12/05/2015	14.53	12/05/2015	21.47	T	Distance Protection
Dhule Sar'Sarovar I	InterState	12/05/2015	18.18		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	13/05/2015	03.39		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
karad -kolhapur-I	IntraState	11/05/2015	17.13	12/05/2015	07.58	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/05/2015	21.42	12/05/2015	06.27	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/05/2015	09.25	12/05/2015	13.52	PO	Annual Maintenance Work
karad -kolhapur-II	IntraState	12/05/2015	18.06		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
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
Parvati - Hybrid Pass	IntraState	12/05/2015	08.44		Continued.	HT	load control at cinchwad
Kalwa - Borivali	IntraState	12/05/2015	09.02	12/05/2015	12.15	PO	shifted on TBC & Timing work
Hinjawadi I- Chinchwad	IntraState	12/05/2015	09.14	12/05/2015	17.34	HT	load control at cinchwad-urse
Talange(400kv)- Sawantwadi(Insul	IntraState	12/05/2015	09.19	12/05/2015	16.33	PO	Annual Maintenance Work
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.
Khadka - Savda	IntraState	11/05/2015	04.02		Continued.	T	B Ph to Ground.

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