

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/May/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.277	233.558	1) Gujrat	-5.840	-12.689
2) Hydro	15.956	28.572	2) Madhya Pradesh	10.894	23.149
3) Gas	6.601	13.308	3) Chattisgarh	5.360	11.310
Total MSPGCL	137.834	275.438	4) Maharashtra Net	103.577	196.146
B) 1) APML	57.760	107.530	5) Goa	-8.040	-14.671
2) JSWEL	25.156	48.758	6) TAPS 1&2 Injection	3.431	6.886
3) VIPL	12.399	19.174	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.770	10.630	8) Pench (MS)	0.034	0.129
5) WPCL	9.286	17.539	9) Pench (Excess)	-0.034	-0.129
6) Other IPP	6.260	12.900	Total	109.348	210.002
C) 1) TPCL Thermal	15.557	26.854	a) Mumbai Schedule	24.856	47.779
2) TPCL Hydro	2.199	3.434	b) Mumbai Drawl	28.047	56.711
3) TPCL Gas	3.237	6.606	c) MSEDCL Bilateral *	31.668	59.143
4) R-INFRA Thermal	11.727	22.149	Include PX	3.161	3.066
D) STATE			d) Mumbai Bilateral *	24.856	47.779
1) Thermal	259.192	499.092	Include PX	1.037	3.765
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	18.155	32.006	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.838	19.914	1) MSEDCL	353.071	681.432
4) Wind	16.007	33.441	2) Mumbai Discoms	60.767	115.755
6) SOLAR	1.298	2.602	TOTAL STATE	413.838	797.187
TOTAL STATE	304.490	587.055			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4794	4681	4648	5051
MSPGCL Hydro	1516	1086	513	223
MSPGCL Gas	281	282	277	284
MSPGCL Total Generation	6591	6049	5438	5558
Central Sector Receipt	5166	5501	4754	3571
WIND	433	603	722	748
CPP / IPP	4906	5037	4943	4572
SOLAR	184	113	0	0
Exchange with Mumbai	-1362	-1386	-1208	-803
MSEDCL DEMAND MET	15918	15917	14649	13646
Load Shedding	49	41	42	46
MSEDCL DEMAND	15967	15958	14691	13692
TPCL GENERATION	1095	1086	1065	655
R-INFRA GENERATION	512	515	518	487
MUMBAI DEMAND	2969	2987	2791	1945
STATE DEMAND MET	18887	18904	17440	15591
STATE DEMAND	18936	18945	17482	15637
Frequency (Hz)	49.95	50.03	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18:02 Hrs	49.78 Hz at 23:05 Hrs	49.99	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 02/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.98	5.90	145	115
Unit 6	0.00	0.00	0	0
Unit 7	3.76	7.67	174	140
Total	6.75	13.57		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.81	20.20	510	365
Unit 5	9.70	17.53	500	310
Total	20.52	37.73		
Parli				
Unit 3	2.66	6.06	160	0
Unit 4	0.00	0.00	0	0
Unit 5	3.51	7.04	152	140
Unit 6	5.30	10.15	250	191
Unit 7	5.43	10.38	250	198
Total	16.90	33.63		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.40	8.76	202	153
Unit 4	4.33	8.49	191	160
Unit 5	0.00	1.63	0	0
Unit 6	4.33	13.39	390	0
Unit 7	9.66	18.67	440	373
Total	22.71	50.94		
Paras				
Unit 3	5.50	10.68	242	191
Unit 4	5.63	10.78	247	190
Total	11.12	21.47		
Khaparkheda				
Unit 1	3.88	8.08	170	150
Unit 2	3.58	6.86	170	110
Unit 3	4.55	7.66	210	165
Unit 4	4.24	8.64	185	166
Unit 5	11.12	21.93	500	390
Total	27.36	53.18		
Nasik				
Unit 3	4.56	8.94	205	180
Unit 4	4.44	8.82	195	177
Unit 5	0.91	5.27	185	0
Total	9.92	23.03		
Uran				
All Units	6.60	13.31	285	200
Total	6.60	13.31		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	0.13	27	0
Total	0.03	0.13		
Koyna				
Stage 1-2	4.05	8.60	370	40
Stage 4	5.50	7.90	888	0
Stage 3	2.63	3.71	240	0
Total	12.19	20.21		
Hydro				
KDPH	0.43	0.86	18	18
VTRNA	0.93	1.83	61	0
TILLARI	0.36	0.73	64	0
BHTGR/VEER	0.07	0.14	3	2
BHIRA T.R.	0.04	0.08	40	0
RNGR+BHTSA	0.27	0.27	12	11
BHANDARDRA	0.40	0.86	17	16
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.88	1.76	43	34
GHATGHAR	0.39	1.85	204	0
Total	3.77	8.36		
Wind				
Total	16.01	33.44	0	0
Total	16.01	33.44		
CPP				
APML(Mus)	57.76	107.53	0	0
JSWEL(Mus)	25.16	48.76	0	0
VIPL(Mus)	12.40	19.17	0	0
RPLAMT(Mus)	5.77	10.63	0	0
WPCL(Mus)	9.29	17.54	0	0
Other(Mus)	6.26	12.90	0	0
Total	116.63	216.53		
SOLAR				
Total	1.30	2.60	0	0
Total	1.30	2.60		
Tata				
Trombay 5	9.66	14.94	486	213
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.91	3.92	80	79
Trombay 7B	1.33	2.69	56	55
Trombay 8	5.90	11.91	252	216
TATA Hydro	2.20	3.43	255	0
Total	20.99	36.89		
R-INFRA				
1-2	11.73	22.15	519	378
Total	11.73	22.15		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.28	233.56
MSPGCL Thml+Gas	121.88	246.87

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	15.96	28.57
MSPGCL Total	137.83	275.44

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	9.55	16.50
State Total	304.49	587.06

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/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	4978	1047	283	6308	735	4849	0	3640	4014	-1383	14523	63	14586	2419	17005	49.99
2	5057	735	283	6075	760	4587	0	3576	3753	-1217	13958	46	14004	2224	16228	49.96
3	5008	345	283	5636	736	4581	0	3531	3833	-979	13807	46	13853	2091	15944	49.99
4	5067	334	284	5685	786	4552	0	3509	3517	-878	13662	46	13708	1982	15690	50.02
5	5051	223	284	5558	748	4572	0	3779	3571	-803	13646	46	13692	1945	15637	50.00
6	4614	153	285	5052	676	4509	0	3958	4317	-850	13704	49	13753	1942	15695	49.95
7	4588	373	285	5246	705	4528	2	4200	4497	-848	14130	55	14185	1920	16105	50.03
8	4855	433	284	5572	481	4657	34	4338	4574	-864	14454	55	14509	1971	16480	50.03
9	4893	288	280	5461	536	4852	86	4800	4798	-885	14848	57	14905	2206	17111	50.01
10	4938	631	284	5853	703	4916	126	5051	4940	-1181	15357	54	15411	2599	18010	49.99
11	5108	891	284	6283	744	4895	142	5036	5156	-1325	15895	51	15946	2821	18767	49.95
12	4794	1516	281	6591	433	4906	184	5124	5166	-1362	15918	49	15967	2969	18936	49.95
13	4569	1753	280	6602	384	5021	186	5054	4919	-1420	15692	51	15743	2995	18738	50.02
14	4715	1506	280	6501	420	4981	169	4942	4973	-1402	15642	44	15686	2935	18621	49.99
15	4714	1013	280	6007	528	5040	144	5232	5084	-1343	15460	41	15501	2962	18463	49.93
16	4681	1086	282	6049	603	5037	113	5277	5501	-1386	15917	41	15958	2987	18945	50.03
17	4690	1004	285	5979	699	5006	81	5084	4974	-1314	15425	41	15466	2944	18410	50.03
18	4736	283	285	5304	777	4833	29	4281	4247	-1291	13899	41	13940	2799	16739	50.09
19	4662	263	277	5202	934	4887	2	4023	3146	-1281	12890	42	12932	2719	15651	50.02
20	4648	513	277	5438	722	4943	0	4773	4754	-1208	14649	42	14691	2791	17482	49.93
21	4692	416	277	5385	765	4930	0	4773	4488	-1211	14357	42	14399	2696	17095	49.98
22	4675	187	278	5140	667	4944	0	4781	5100	-1216	14635	42	14677	2653	17330	50.01
23	4756	277	200	5233	736	4983	0	4786	5103	-1162	14893	42	14935	2566	17501	49.97
24	4788	686	200	5674	729	5622	0	4699	4923	-1238	15710	42	15752	2631	18383	49.92
MUs	115.28	15.96	6.60	137.83	16.01	116.63	1.30	108.25	109.35	-28.05	353.07	1.13	354.20	60.77	414.97	49.99

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 02/May/2015

Position as on 6.30 Hrs of 03/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 2	210	27/04/2015	01.17		Continued.	ID Fan Problem	
IPP	Adani U-2	660	28/04/2015	06.02	03/05/2015	05.10	Leakage in turbine steam chest.	
MSPGCL	Chandrapur Unit 5	500	01/05/2015	04.30		Continued.	Air heater problem	
MSPGCL	Nasik Unit 5	210	02/05/2015	05.25		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	02/05/2015	11.29		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	02/05/2015	12.04	02/05/2015	17.10	PA Fan problem	
CPP	WPCL U-1	135	03/05/2015	13.00		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2015

Statement-VII

Position as on 6.30 Hrs of 03/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							
Kolhapur Solapur(PG) I	InterState	01/05/2015	11.17	02/05/2015	20.33	PO	To attend Hot Spot
Kolhapur Mapusa I	InterState	01/05/2015	16.26	02/05/2015	07.01	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	01/05/2015	18.20	02/05/2015	07.09	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/05/2015	17.05	03/05/2015	08.59	HT	Over Voltage
Kolhapur Mapusa II	InterState	02/05/2015	17.42	03/05/2015	07.37	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	03/05/2015	10.28	03/05/2015	10.57	PO	Take Sample of Line Reactor at Akola end.
Akola Aurangabad(PG) II	InterState	03/05/2015	13.54	03/05/2015	14.18	PO	For Taking Line Reactor In.
Kolhapur Mapusa I	InterState	03/05/2015	16.44		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/05/2015	18.27		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	Over Current Protection
N.Koyna-Karad -Ckt I	IntraState	30/04/2015	14.17	02/05/2015	11.50	PO	A/R Configration Work.
Babhaleshwar-Taptitanda ckt-I	IntraState	01/05/2015	12.16		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	01/05/2015	16.03	02/05/2015	11.50	HT	Over Voltage
karad -kolhapur-I	IntraState	02/05/2015	08.01	02/05/2015	11.49	PO	To Attend Hot Spot on Bus-I Spacer.
Akola - Bhusawal	IntraState	02/05/2015	13.08	02/05/2015	13.26	T	PLCC Cold Trail @ Akola End.Ckt Charged Through Tie Bay.
karad -kolhapur-II	IntraState	02/05/2015	17.05	03/05/2015	06.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/05/2015	18.03	03/05/2015	08.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/05/2015	18.14	03/05/2015	06.30	HT	Over Voltage
karad -kolhapur-II	IntraState	03/05/2015	16.35		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	03/05/2015	17.57		Continued.	PO	Over Voltage
Bhusawal-Aurangabad	IntraState	03/05/2015	18.11		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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/04/2015	18.21		Continued.	T	Distance Protection
Padghe - Wada	IntraState	01/05/2015	14.22	03/05/2015	18.16	PO	Construction work
Gadchandur - Virur-li	IntraState	02/05/2015	02.45	02/05/2015	03.24	T	66KV B Ph Bus PT Burst.
Midc Chandrapur-Gadchandur	IntraState	02/05/2015	02.45	02/05/2015	03.23	T	66KV B Ph Bus PT Burst.
Kalwa - Mulund 1	IntraState	02/05/2015	05.41	02/05/2015	08.21	PO	To attend Hot Spot
Dondaicha- Shahada	IntraState	02/05/2015	10.00	02/05/2015	12.30	PO	Testing Work
Kalwa - Mulund 2	IntraState	02/05/2015	11.20	02/05/2015	12.57	HT	Sparking on Isolator.
Pedhambe - Oni	IntraState	02/05/2015	13.15	02/05/2015	13.38	T	Y Ph.E/F.
Bableshevar- Bableshevar-I	IntraState	02/05/2015	17.34	02/05/2015	20.49	PO	Quarterly Maintainance Work
Waluj - Jalna 2	IntraState	02/05/2015	17.35	02/05/2015	19.31	EO	Attending Hot Spot on WT.
Deepnagar Amalner	IntraState	02/05/2015	17.55		Continued.	T	Distance Protection Operated Zone-I.

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 02/May/2015

Statement-VII

Position as on 6.30 Hrs of 03/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Colourchem	IntraState	03/05/2015	08.02	03/05/2015	12.31	PO	Routine 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
220/33 Kv 25 Mva Emco Ptr 1 @Gadchandur	IntraState	02/05/2015	02.45	02/05/2015	03.05	T	66KV B Ph Bus PT Burst.
220/66 Kv 150 Mva Emco lct 2 @Gadchandur	IntraState	02/05/2015	02.45	02/05/2015	03.24	T	66KV B Ph Bus PT Burst.
220/132 Kv 100 Mva Emco lct @Shahada	IntraState	02/05/2015	10.00	02/05/2015	11.00	PO	Testing Work of HV CT's.
132 KV LINE Outages/Trippings							
Savda -Raver	IntraState	02/05/2015	12.08	02/05/2015	12.38	T	DistanceProtection Operated Zone-I.
110 KV LINE Outages/Trippings							
Cable Trombay Chembur 2	IntraState	03/05/2015	14.18	03/05/2015	18.19	PO	For Cold Line washing.

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