

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/May/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.535	1904.178	1) Gujrat	2.241	-50.663
2) Hydro	25.512	328.704	2) Madhya Pradesh	14.029	209.038
3) Gas	6.622	104.157	3) Chattisgarh	6.910	100.090
Total MSPGCL	162.669	2337.039	4) Maharashtra Net	91.213	1602.398
B) 1) APML	57.640	865.940	5) Goa	-7.229	-116.363
2) JSWEL	15.698	360.609	6) TAPS 1&2 Injection	3.316	52.936
3) VIPL	9.293	181.293	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.350	87.560	8) Pench (MS)	0.102	1.293
5) WPCL	8.131	133.334	9) Pench (Excess)	-0.102	-1.072
6) Other IPP	5.673	89.514	Total	110.378	1796.364
C) 1) TPCL Thermal	16.190	265.390	a) Mumbai Schedule	24.853	417.174
2) TPCL Hydro	2.744	57.553	b) Mumbai Drawl	31.551	452.655
3) TPCL Gas	3.116	49.353	c) MSEDCL Bilateral *	27.340	491.322
4) R-INFRA Thermal	11.705	191.649	Include PX	-0.627	3.956
D) STATE			d) Mumbai Bilateral *	24.853	417.124
1) Thermal	259.215	4079.467	Include PX	1.612	31.666
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.050
2) Hydro	28.256	386.257	H) ENERGY CATERED (MUs)		
3) Gas	9.738	153.510	1) MSEDCL	349.019	5599.886
4) Wind	5.563	181.328	2) Mumbai Discoms	65.304	1016.597
6) SOLAR	1.175	18.488	TOTAL STATE	414.323	6616.483
TOTAL STATE	303.947	4819.050			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5566	5517	5299	5425
MSPGCL Hydro	1887	1834	1189	126
MSPGCL Gas	269	270	274	277
MSPGCL Total Generation	7722	7621	6762	5828
Central Sector Receipt	4998	5262	4731	4366
WIND	70	51	553	167
CPP / IPP	4217	4201	4033	4139
SOLAR	141	167	0	0
Exchange with Mumbai	-1429	-1537	-1331	-1105
MSEDCL DEMAND MET	15719	15765	14748	13395
Load Shedding	47	47	44	47
MSEDCL DEMAND	15766	15812	14792	13442
TPCL GENERATION	1063	1110	1023	667
R-INFRA GENERATION	512	515	516	464
MUMBAI DEMAND	3004	3162	2870	2236
STATE DEMAND MET	18723	18927	17618	15631
STATE DEMAND	18770	18974	17662	15678
Frequency (Hz)	49.97	49.94	49.95	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:01 Hrs	49.75 Hz at 22:07 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 16/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.62	50.58	160	145
Unit 6	0.00	0.00	0	0
Unit 7	3.87	59.58	170	150
Total	7.50	110.16		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.43	166.02	480	370
Unit 5	9.42	159.69	490	360
Total	18.85	325.71		
Parli				
Unit 3	3.64	14.94	163	137
Unit 4	0.00	0.00	0	0
Unit 5	3.55	47.52	152	140
Unit 6	5.16	84.20	250	188
Unit 7	5.02	83.77	227	194
Total	17.37	230.43		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.25	40.28	140	130
Unit 3	2.46	70.02	205	0
Unit 4	4.06	52.80	185	162
Unit 5	9.18	61.67	445	368
Unit 6	9.03	119.20	420	360
Unit 7	8.76	150.55	388	255
Total	36.75	494.52		
Paras				
Unit 3	5.18	83.80	250	190
Unit 4	5.06	84.91	245	192
Total	10.24	168.71		
Khaparkheda				
Unit 1	4.12	65.72	190	155
Unit 2	3.77	57.93	170	140
Unit 3	4.28	52.08	186	169
Unit 4	4.00	66.60	172	163
Unit 5	9.96	136.42	425	390
Total	26.12	378.75		
Nasik				
Unit 3	4.66	73.73	205	180
Unit 4	4.54	66.70	204	178
Unit 5	4.51	55.47	196	177
Total	13.70	195.90		
Uran				
All Units	6.62	104.16	282	269
Total	6.62	104.16		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.10	1.29	30	0
Total	0.10	1.29		
Koyna				
Stage 1-2	7.18	86.90	480	45
Stage 4	11.26	128.88	1092	0
Stage 3	3.95	47.29	320	0
Total	22.39	263.07		
Hydro				
KDPH	0.40	7.73	17	16
VTRNA	0.88	14.44	61	0
TILLARI	0.31	5.83	64	0
BHTGR/VEER	0.06	1.00	3	2
BHIRA T.R.	0.20	2.98	40	0
RNGR+BHTSA	0.00	3.35	0	0
BHANDARDRA	0.16	3.89	7	6
ELDARY	0.19	2.50	10	0
SMLHY_PTN	0.54	11.56	29	20
GHATGHAR	0.40	12.35	125	0
Total	3.12	65.64		
Wind				
Total	5.56	181.33	0	0
Total	5.56	181.33		
CPP				
APML(Mus)	57.64	865.94	0	0
JSWEL(Mus)	15.70	360.61	0	0
VIPL(Mus)	9.29	181.29	0	0
RPLAMT(Mus)	4.35	87.56	0	0
WPCL(Mus)	8.13	133.33	0	0
Other(Mus)	5.67	89.51	0	0
Total	100.78	1718.25		
SOLAR				
Total	1.18	18.49	0	0
Total	1.18	18.49		
Tata				
Trombay 5	10.54	171.19	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	29.58	80	60
Trombay 7B	1.30	19.77	56	48
Trombay 8	5.65	94.20	249	201
TATA Hydro	2.74	57.55	301	0
Total	22.05	372.30		
R-INFRA				
1-2	11.70	191.65	519	380
Total	11.70	191.65		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.54	1904.18
MSPGCL Thml+Gas	137.16	2008.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	25.51	328.70
MSPGCL Total	162.67	2337.04

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	18.44	215.78
State Total	303.95	4819.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/May/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	5405	1001	275	6681	328	4311	0	4067	4266	-1351	14235	68	14303	2754	17057	49.95
2	5429	387	276	6092	340	4215	0	4038	4165	-1161	13651	47	13698	2533	16231	49.97
3	5432	101	278	5811	320	4168	0	4001	4021	-1051	13269	47	13316	2381	15697	49.99
4	5425	126	277	5828	167	4139	0	3951	4366	-1105	13395	47	13442	2236	15678	50.01
5	5395	416	278	6089	136	4167	0	3974	4221	-1098	13515	47	13562	2173	15735	50.01
6	5406	401	279	6086	109	4178	0	4171	4440	-1126	13687	47	13734	2159	15893	49.96
7	5443	665	279	6387	108	4207	3	4212	4451	-1088	14068	47	14115	2100	16215	50.01
8	5583	666	278	6527	58	4194	41	4323	4453	-1146	14127	47	14174	2155	16329	50.03
9	5863	602	275	6740	60	4329	77	4405	4531	-1281	14456	47	14503	2374	16877	49.99
10	5797	987	270	7054	93	4381	122	4551	4162	-1325	14487	47	14534	2717	17251	49.99
11	5566	1887	269	7722	70	4217	141	4604	4998	-1429	15719	47	15766	3004	18770	49.97
12	5550	2025	270	7845	66	4202	171	4800	4750	-1438	15596	47	15643	3070	18713	49.99
13	5517	1834	270	7621	51	4201	167	4951	5262	-1537	15765	47	15812	3162	18974	49.94
14	5498	1899	278	7675	46	4201	148	4783	5000	-1528	15542	44	15586	3123	18709	49.94
15	5373	1859	278	7510	53	4214	127	4907	5025	-1541	15388	44	15432	3166	18598	49.90
16	5430	1981	278	7689	115	4203	99	4861	5108	-1497	15717	44	15761	3157	18918	49.95
17	5363	1630	280	7273	292	4181	53	4675	4905	-1466	15238	44	15282	3138	18420	49.96
18	5390	908	280	6578	243	4167	24	4382	4129	-1378	13763	44	13807	2970	16777	49.99
19	5313	782	282	6377	423	3953	2	4051	4665	-1203	14217	44	14261	2823	17084	49.95
20	5299	1189	274	6762	553	4033	0	4438	4731	-1331	14748	44	14792	2870	17662	49.95
21	5243	958	274	6475	512	4226	0	4503	4826	-1382	14657	44	14701	2865	17566	49.97
22	5250	918	275	6443	466	4196	0	4402	4498	-1345	14258	44	14302	2807	17109	49.98
23	5266	1090	275	6631	496	4292	0	4374	4612	-1351	14680	44	14724	2771	17495	49.92
24	5299	1200	274	6773	458	4210	0	4481	4793	-1393	14841	44	14885	2798	17683	49.97
MUs	130.54	25.51	6.62	162.67	5.56	100.78	1.18	105.91	110.38	-31.55	349.02	1.12	350.14	65.31	415.44	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 16/May/2015

Position as on 6.30 Hrs of 17/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	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	26/06/2015
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	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	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
CENT.SECTOR	TARAPUR 4	540	14/05/2015	14.58	16/05/2015	07.05	OTI & WTI Meter Calibration work	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
CENT.SECTOR	TARAPUR-3	540	15/05/2015	09.00		Continued.	Reactor Channel Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/May/2015

Statement-VII

Position as on 6.30 Hrs of 17/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	16/05/2015	19.37	EO	CB under lockout at Wardha PG end.
Kolhapur Mapusa I	InterState	15/05/2015	16.19	16/05/2015	06.37	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	15/05/2015	17.46	17/05/2015	08.49	HT	Over Voltage
Dabhol Nagothane II	InterState	16/05/2015	16.42	16/05/2015	22.48	T	Distance Protection
Kolhapur Mapusa I	InterState	16/05/2015	18.02	17/05/2015	16.01	HT	Over Voltage
Dabhol Nagothane II	InterState	17/05/2015	16.00	17/05/2015	17.18	T	AR Succesful At Nagothane End.
Kolhapur Mapusa II	InterState	17/05/2015	16.09		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	17/05/2015	16.19	17/05/2015	06.37	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/05/2015	17.17		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering PT Burst.
karad -kolhapur-II	IntraState	15/05/2015	16.15	16/05/2015	07.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/05/2015	17.23	16/05/2015	07.44	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	15/05/2015	19.55	16/05/2015	13.21	T	Distance Protection
Bableshevar- Aurangabad (Waluj)	IntraState	16/05/2015	16.31	17/05/2015	09.07	PO	CT Leakage,CT Replacement Work @ Bableshevar End.
karad -kolhapur-II	IntraState	16/05/2015	17.47	17/05/2015	07.01	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	17/05/2015	09.30	17/05/2015	12.17	HT	To Control Padghe-BBLR Loading
Main Bus I @ Kalwa	IntraState	17/05/2015	10.03	17/05/2015	22.09	PO	Replace PG Insulator Scissor of ICT-III R Ph & Padghe B Ph With Overhauling of All other Ph.
Bableshevar- Aurangabad (Waluj)	IntraState	17/05/2015	15.06	17/05/2015	21.18	PO	Attending Hot Spot
karad -kolhapur-I	IntraState	17/05/2015	16.45		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/05/2015	17.53		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva lct 1 @Dhule	IntraState	16/05/2015	08.30	16/05/2015	18.29	PO	C B Maint.Work.
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
Uran - Kharghar 2	IntraState	15/05/2015	09.25	16/05/2015	18.11	PO	Taken on TBC for Breaker Overhauling Work.
Eklahara(Gcr)(Nasik)- Bableshevar-I	IntraState	16/05/2015	08.27	16/05/2015	18.33	PO	A/R Out Only for PID Work.
Eklahara(Gcr)(Nasik)- Bableshevar 2	IntraState	16/05/2015	08.27	16/05/2015	18.33	PO	A/R Out Only for PID Work.
Theur-Phursungi	IntraState	16/05/2015	08.45	16/05/2015	16.25	PO	Half yearly maintenance work
Apta - Kalwa	IntraState	16/05/2015	09.11	16/05/2015	15.13	PO	A/R Out Only for PID Work.
Kalwa - Taloja	IntraState	16/05/2015	09.12	16/05/2015	15.14	PO	A/R Out Only for PID Work.
Beed-Patoda Ckt 1	IntraState	16/05/2015	09.15	16/05/2015	14.00	PO	Measurment of Tan Delta of CT.
Pedambe-Nerle	IntraState	16/05/2015	11.25	16/05/2015	11.40	T	Distance Protection

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 16/May/2015

Statement-VII

Position as on 6.30 Hrs of 17/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Beed-Patoda Ckt 2	IntraState	16/05/2015	14.56	16/05/2015	18.31	PO	Measurment of Tan Delta of CT.
Kharghar - Nerul	IntraState	17/05/2015	04.47		Continued.	PO	Erection of W/T and CC.
Padgha-Temghar-II	IntraState	17/05/2015	06.36		Continued.	HT	A Bus Outage at Padgha End.
Padgha - Temghar I	IntraState	17/05/2015	06.36		Continued.	HT	A Bus Outage at Padgha End.
Adlabs - Pedambe	IntraState	17/05/2015	07.22	17/05/2015	08.20	T	Distance Protection
Padghe - Kamba	IntraState	17/05/2015	23.55		Continued.	T	Load Triming Operated.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 kv 150MVA ICT-II @ Satara	IntraState	13/05/2015	16:30		Continued.	T	Differential protection
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	16/05/2015	09.05	16/05/2015	12.45	PO	C B Problem Attend.
220/132 Kv 200 MVA ICT I @Dhule	IntraState	16/05/2015	09.48	16/05/2015	13.26	PO	Replacement of HV Side B Ph LA.
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	17/05/2015	08.36	17/05/2015	13.29	PO	LV CT Leakage Attending Work.
220/33kv 125 MVA Transformer 1 @Goregoan R/S	IntraState	17/05/2015	09.01	17/05/2015	14.51	PO	Annual Maintenance Work
132 KV LINE Outages/Trippings							
Bambhori(220) Jalgaon(O)	IntraState	16/05/2015	14.35	16/05/2015	16.38	T	Distanace Protection Operated Z-I R Ph.

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