

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/May/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.950	2035.128	1) Gujrat	1.787	-48.876
2) Hydro	14.837	343.541	2) Madhya Pradesh	11.255	220.293
3) Gas	6.655	110.812	3) Chattisgarh	6.360	106.450
Total MSPGCL	152.442	2489.481	4) Maharashtra Net	91.257	1693.655
B) 1) APML	56.190	922.130	5) Goa	-6.301	-122.664
2) JSWEL	14.714	375.323	6) TAPS 1&2 Injection	3.309	56.245
3) VIPL	9.188	190.481	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.490	93.050	8) Pench (MS)	0.157	1.450
5) WPCL	7.940	141.274	9) Pench (Excess)	-0.157	-1.229
6) Other IPP	5.487	95.001	Total	107.510	1903.874
C) 1) TPCL Thermal	16.748	282.138	a) Mumbai Schedule	19.448	436.622
2) TPCL Hydro	0.826	58.379	b) Mumbai Drawl	24.937	477.592
3) TPCL Gas	2.854	52.207	c) MSEDCL Bilateral *	33.858	525.180
4) R-INFRA Thermal	11.639	203.288	Include PX	0.052	4.009
D) STATE			d) Mumbai Bilateral *	19.448	436.572
1) Thermal	258.346	4337.813	Include PX	2.539	34.205
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.050
2) Hydro (A2+C2)	15.663	401.920	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.509	163.019	1) MSEDCL	350.656	5950.699
4) Wind	15.426	196.754	2) Mumbai Discoms	57.004	1073.601
6) SOLAR	1.206	19.694	TOTAL STATE	407.660	7024.300
TOTAL STATE	300.150	5119.200			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5681	5629	5163	5444
MSPGCL Hydro	1137	1289	432	93
MSPGCL Gas	273	273	276	280
MSPGCL Total Generation	7091	7191	5871	5817
Central Sector Receipt	4855	4737	4422	4196
WIND	299	498	1268	732
CPP / IPP	4205	4245	4110	4057
SOLAR	180	130	0	0
Exchange with Mumbai	-972	-1115	-1217	-862
MSEDCL DEMAND MET	15658	15686	14454	13940
Load Shedding	52	44	47	49
MSEDCL DEMAND	15710	15730	14501	13989
TPCL GENERATION	848	845	884	835
R-INFRA GENERATION	517	518	378	520
MUMBAI DEMAND	2337	2478	2479	2217
STATE DEMAND MET	17995	18164	16933	16157
STATE DEMAND	18047	18208	16980	16206
Frequency (Hz)	50.03	50.02	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 03.30 Hrs	49.78 Hz at 22.29 Hrs	50.01	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 17/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.73	54.30	160	150
Unit 6	0.00	0.00	0	0
Unit 7	3.73	63.31	160	150
Total	7.46	117.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.24	175.26	390	375
Unit 5	9.16	168.84	400	365
Total	18.40	344.11		
Parli				
Unit 3	3.62	18.56	158	143
Unit 4	0.00	0.00	0	0
Unit 5	3.58	51.11	155	146
Unit 6	5.53	89.73	250	174
Unit 7	5.32	89.10	248	190
Total	18.06	248.49		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.21	43.50	140	129
Unit 3	0.00	70.02	0	0
Unit 4	4.32	57.12	192	163
Unit 5	9.77	71.44	435	369
Unit 6	9.46	128.65	420	362
Unit 7	9.04	159.59	414	349
Total	35.79	530.32		
Paras				
Unit 3	5.55	89.34	250	202
Unit 4	5.32	90.23	252	156
Total	10.87	179.58		
Khaparkheda				
Unit 1	3.92	69.64	185	145
Unit 2	3.54	61.48	165	120
Unit 3	4.10	56.18	189	153
Unit 4	4.04	70.64	170	165
Unit 5	10.79	147.21	500	380
Total	26.40	405.15		
Nasik				
Unit 3	4.75	78.48	210	180
Unit 4	4.59	71.28	204	181
Unit 5	4.63	60.10	206	182
Total	13.97	209.86		
Uran				
All Units	6.66	110.81	291	273
Total	6.66	110.81		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	1.45	50	0
Total	0.16	1.45		
Koyna				
Stage 1-2	5.10	92.00	510	40
Stage 4	4.68	133.56	700	0
Stage 3	2.27	49.56	240	0
Total	12.05	275.12		
Hydro				
KDPH	0.39	8.12	17	16
VTRNA	0.84	15.28	61	0
TILLARI	0.38	6.21	64	0
BHTGR/VEER	0.06	1.06	3	2
BHIRA T.R.	0.13	3.10	40	0
RNGR+BHTSA	0.25	3.60	11	10
BHANDARDRA	0.19	4.09	33	0
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.56	12.12	30	20
GHATGHAR	0.00	12.35	0	0
Total	2.79	68.42		
Wind				
Total	15.43	196.75	0	0
Total	15.43	196.75		
CPP				
APML(Mus)	56.19	922.13	0	0
JSWEL(Mus)	14.71	375.32	0	0
VIPL(Mus)	9.19	190.48	0	0
RPLAMT(Mus)	5.49	93.05	0	0
WPCL(Mus)	7.94	141.27	0	0
Other(Mus)	5.49	95.00	0	0
Total	99.01	1817.26		
SOLAR				
Total	1.21	19.69	0	0
Total	1.21	19.69		
Tata				
Trombay 5	10.80	182.00	485	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.63	31.21	75	59
Trombay 7B	1.22	20.99	54	47
Trombay 8	5.94	100.14	251	245
TATA Hydro	0.83	58.38	203	0
Total	20.43	392.72		
R-INFRA				
1-2	11.64	203.29	520	378
Total	11.64	203.29		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	130.95	2035.13
MSPGCL Thml+Gas	137.60	2145.94

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.84	343.54
MSPGCL Total	152.44	2489.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	9.78	225.56
State Total	300.15	5119.20

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	5622	1015	277	6914	563	4240	0	4572	4661	-1336	15042	69	15111	2697	17808	49.98
2	5652	315	277	6244	588	4103	0	4578	4915	-1203	14647	49	14696	2551	17247	49.95
3	5612	236	279	6127	680	4259	0	4436	4565	-1098	14533	49	14582	2400	16982	49.99
4	5642	99	281	6022	622	4261	0	4354	4454	-941	14418	49	14467	2287	16754	50.06
5	5444	93	280	5817	732	4057	0	4330	4196	-862	13940	49	13989	2217	16206	49.97
6	5337	93	281	5711	649	4097	0	4474	4620	-834	14243	52	14295	2186	16481	50.01
7	5445	99	291	5835	439	4052	4	4505	4809	-729	14410	55	14465	2089	16554	50.05
8	5625	103	283	6011	359	4161	42	4535	4410	-680	14303	55	14358	2037	16395	50.03
9	5638	134	278	6050	316	4203	71	4504	4566	-727	14479	55	14534	2082	16616	49.99
10	5625	294	275	6194	205	4245	123	4481	4852	-806	14813	55	14868	2148	17016	50.02
11	5667	1019	275	6961	223	4208	148	4465	4922	-919	15543	52	15595	2282	17877	50.02
12	5681	1137	273	7091	299	4205	180	4514	4855	-972	15658	52	15710	2337	18047	50.03
13	5620	1078	273	6971	326	4231	156	4425	4743	-955	15472	52	15524	2384	17908	49.97
14	5639	1283	273	7195	409	4224	146	4378	4431	-1058	15347	47	15394	2425	17819	49.98
15	5629	1289	273	7191	498	4245	130	4601	4737	-1115	15686	44	15730	2478	18208	50.02
16	5595	1498	274	7367	544	4218	109	4453	4396	-1169	15465	46	15511	2500	18011	50.01
17	5480	1246	275	7001	733	4221	63	4389	4382	-1110	15290	46	15336	2460	17796	50.07
18	5174	308	277	5759	889	4055	32	4193	3656	-1055	13336	46	13382	2363	15745	50.18
19	5084	216	277	5577	934	3753	2	4096	3399	-1085	12580	46	12626	2274	14900	50.04
20	5100	870	275	6245	1072	3853	0	4154	3907	-1199	13878	47	13925	2419	16344	49.95
21	5163	432	276	5871	1268	4110	0	4355	4422	-1217	14454	47	14501	2479	16980	49.99
22	5135	318	277	5730	948	4025	0	4376	4666	-1282	14087	47	14134	2564	16698	49.98
23	5176	748	277	6201	1033	4010	0	4372	4335	-1346	14233	47	14280	2635	16915	49.93
24	5165	914	278	6357	1097	3973	0	4493	4608	-1239	14796	47	14843	2710	17553	49.98
MUs	130.95	14.84	6.66	152.44	15.43	99.01	1.21	106.03	107.51	-24.94	350.65	1.20	351.86	57.00	408.86	50.01

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 17/May/2015

Position as on 6.30 Hrs of 18/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								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPP	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPP	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPP	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPP	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPP	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.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
CENT.SECTOR	TARAPUR-3	540	15/05/2015	09.00	18/05/2015	01.43	Reactor Channel Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/May/2015

Statement-VII

Position as on 6.30 Hrs of 18/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							
Dhule Sar'Sarovar II	InterState	15/05/2015	17.46	17/05/2015	08.49	HT	Over Voltage
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.
Bableshwar- Aurangabad (Waluj)	IntraState	16/05/2015	16.31	17/05/2015	09.07	PO	CT Leakage,CT Replacement Work @ Bableshwar 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 & Padgha B Ph With Overhauling of All other Ph.
Bableshwar- 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
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
Kharghar - Nerul	IntraState	17/05/2015	04.47	18/05/2015	04.35	PO	Erection of W/T and CC.
Padgha-Temghar-II	IntraState	17/05/2015	06.36	18/05/2015	00.18	HT	A Bus Outage at Padgha End.
Padgha - Temghar I	IntraState	17/05/2015	06.36	18/05/2015	00.16	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	18/05/2015	01.55	T	Load Trimming Operated.
Halkarni - Tillari II	IntraState	18/05/2015	00.26	18/05/2015	04.38	T	Removing of Broken Earth Wire.
Mudshingi-Wathar	IntraState	18/05/2015	00.33		Continued.	T	R Phase CT Burst.
Halkarni-Mahalaxmiline	IntraState	18/05/2015	00.39	18/05/2015	04.42	T	Removing of Broken Earth Wire.
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
220/100 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

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