

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/May/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.705	684.572	1) Gujrat	-6.178	-27.566
2) Hydro	22.021	121.332	2) Madhya Pradesh	11.944	76.884
3) Gas	6.619	38.254	3) Chattisgarh	5.540	33.010
Total MSPGCL	152.345	844.158	4) Maharashtra Net	103.688	612.161
B) 1) APMIL	50.300	317.480	5) Goa	-6.942	-44.465
2) JSWEL	24.640	144.075	6) TAPS 1&2 Injection	3.413	20.939
3) VIPL	12.245	68.381	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.830	33.900	8) Pench (MS)	0.000	0.297
5) WPCL	7.230	47.383	9) Pench (Excess)	0.000	-0.297
6) Other IPP	5.283	36.619	Total	111.465	670.666
C) 1) TPCL Thermal	17.676	97.173	a) Mumbai Schedule	28.555	154.048
2) TPCL Hydro	5.189	19.068	b) Mumbai Drawl	28.303	162.045
3) TPCL Gas	3.128	17.414	c) MSEDCL Bilateral *	29.878	180.127
4) R-INFRA Thermal	12.340	70.938	Include PX	1.760	6.470
D) STATE			d) Mumbai Bilateral *	28.555	154.048
1) Thermal	259.249	1500.521	Include PX	1.399	8.183
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	27.210	140.400	H) ENERGY CATERED (MUs)		
3) Gas	9.747	55.668	1) MSEDCL	351.103	2089.699
4) Wind	8.863	81.408	2) Mumbai Discoms	66.635	366.637
6) SOLAR	1.205	7.377	TOTAL STATE	417.738	2456.336
TOTAL STATE	306.274	1785.374			

* 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 5 Hrs
MSPGCL Thermal	5332	5505	5060	4924
MSPGCL Hydro	1564	2227	686	158
MSPGCL Gas	275	275	275	281
MSPGCL Total Generation	7171	8007	6021	5363
Central Sector Receipt	4910	4945	4928	4358
WIND	169	175	543	350
CPP / IPP	4807	4140	4494	3905
SOLAR	158	101	0	0
Exchange with Mumbai	-1429	-1447	-1270	-770
MSEDCL DEMAND MET	15786	15921	14716	13206
Load Shedding	48	40	43	46
MSEDCL DEMAND	15834	15961	14759	13252
TPCL GENERATION	1340	1366	1091	850
R-INFRA GENERATION	505	511	519	510
MUMBAI DEMAND	3274	3324	2880	2130
STATE DEMAND MET	19060	19245	17596	15336
STATE DEMAND	19108	19285	17639	15382
Frequency (Hz)	49.91	49.90	49.84	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 12.18 Hrs	49.62 Hz at 14.21 Hrs	49.88	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 06/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.65	20.05	170	135
Unit 6	0.00	0.00	0	0
Unit 7	3.77	21.98	184	145
Total	7.43	42.03		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.30	62.14	500	370
Unit 5	10.08	58.97	490	370
Total	20.38	121.12		
Parli				
Unit 3	0.00	9.15	0	0
Unit 4	0.00	0.00	0	0
Unit 5	2.92	20.37	149	0
Unit 6	5.10	31.31	247	181
Unit 7	5.20	31.71	248	194
Total	13.22	92.55		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.49	6.87	155	138
Unit 3	4.69	27.02	204	181
Unit 4	4.45	24.58	190	166
Unit 5	0.00	1.63	0	0
Unit 6	9.53	23.90	420	350
Unit 7	9.85	56.65	444	352
Total	32.01	140.65		
Paras				
Unit 3	5.23	31.30	233	185
Unit 4	5.23	32.10	230	201
Total	10.46	63.40		
Khaparkheda				
Unit 1	4.25	24.30	200	150
Unit 2	3.77	21.88	180	110
Unit 3	4.20	24.68	202	160
Unit 4	4.21	25.41	187	165
Unit 5	10.09	64.56	480	340
Total	26.53	160.83		
Nasik				
Unit 3	4.64	26.93	205	185
Unit 4	4.55	26.50	198	180
Unit 5	4.50	10.56	196	175
Total	13.70	64.00		
Uran				
All Units	6.62	38.25	286	250
Total	6.62	38.25		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.30	0	0
Total	0.00	0.30		
Koyna				
Stage 1-2	4.99	30.42	475	40
Stage 4	8.29	46.25	1120	0
Stage 3	2.78	16.66	284	0
Total	16.06	93.33		
Hydro				
KDPH	0.77	3.59	33	32
VTRNA	0.89	5.42	61	0
TILLARI	0.38	2.23	64	0
BHTGR/VEER	0.07	0.40	3	2
BHIRA T.R.	0.29	0.74	40	0
RNGR+BHTSA	0.26	1.32	11	10
BHANDARDRA	0.23	2.25	10	9
ELDARY	0.19	0.21	8	8
SMLHY_PTN	0.77	4.94	40	29
GHATGHAR	2.10	6.88	250	0
Total	5.96	28.00		
Wind				
Total	8.86	81.41	0	0
Total	8.86	81.41		
CPP				
APML(Mus)	50.30	317.48	0	0
JSWEL(Mus)	24.64	144.08	0	0
VIPL(Mus)	12.24	68.38	0	0
RPLAMT(Mus)	5.83	33.90	0	0
WPCL(Mus)	7.23	47.38	0	0
Other(Mus)	5.28	36.62	0	0
Total	105.53	647.84		
SOLAR				
Total	1.20	7.38	0	0
Total	1.20	7.38		
Tata				
Trombay 5	11.69	61.31	495	469
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	10.36	115	59
Trombay 7B	1.28	7.05	67	44
Trombay 8	5.98	35.86	252	247
TATA Hydro	5.19	19.07	444	0
Total	25.99	133.66		
R-INFRA				
1-2	12.34	70.94	520	478
Total	12.34	70.94		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.70	684.57
MSPGCL Thml+Gas	130.32	722.83

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.02	121.33
MSPGCL Total	152.34	844.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.28	76.67
State Total	306.27	1785.37

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 06/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	4996	385	280	5661	735	4400	0	4534	4492	-1203	14085	63	14148	2578	16726	49.85
2	4863	133	279	5275	815	4381	0	4364	4430	-1028	13873	46	13919	2410	16329	49.85
3	4907	133	282	5322	579	4428	0	4187	4262	-932	13659	46	13705	2275	15980	49.81
4	4960	142	282	5384	438	4246	0	4248	4407	-867	13608	46	13654	2195	15849	49.87
5	4924	158	281	5363	350	3905	0	4273	4358	-770	13206	46	13252	2130	15382	49.86
6	4986	208	284	5478	347	4128	0	4508	4659	-706	13906	48	13954	2160	16114	49.86
7	5064	283	285	5632	379	4285	7	4555	4576	-724	14155	51	14206	2089	16295	49.96
8	5031	166	286	5483	103	4541	41	4612	4710	-822	14056	51	14107	2188	16295	49.99
9	5065	406	278	5749	45	4661	80	4960	5056	-1034	14557	51	14608	2441	17049	49.85
10	5079	1267	279	6625	59	4714	104	5055	4475	-1288	14689	51	14740	2899	17639	49.89
11	5089	1618	276	6983	92	4762	143	5031	5072	-1310	15742	48	15790	3175	18965	49.86
12	5332	1564	275	7171	169	4807	158	5158	4910	-1429	15786	48	15834	3274	19108	49.91
13	5373	1570	275	7218	232	4613	173	5060	4907	-1440	15703	48	15751	3319	19070	49.90
14	5454	1628	275	7357	176	4246	148	5097	4804	-1362	15369	41	15410	3247	18657	49.84
15	5509	2006	274	7789	141	4141	150	5142	5042	-1447	15816	39	15855	3324	19179	49.80
16	5505	2227	275	8007	175	4140	101	5160	4945	-1447	15921	40	15961	3324	19285	49.90
17	5472	2137	274	7883	298	4308	67	4902	4365	-1417	15504	40	15544	3284	18828	49.92
18	5143	1212	275	6630	491	3895	30	4625	4147	-1459	13734	40	13774	3194	16968	50.00
19	5013	1140	272	6425	664	3809	3	4069	4101	-1351	13651	40	13691	2970	16661	49.95
20	5145	540	274	5959	625	4317	0	4859	4944	-1243	14602	43	14645	2992	17637	49.81
21	5060	686	275	6021	543	4494	0	4696	4928	-1270	14716	43	14759	2880	17639	49.84
22	5234	702	260	6196	473	4698	0	4436	4425	-1252	14540	43	14583	2746	17329	49.90
23	5262	660	250	6172	479	4779	0	4646	4513	-1294	14649	43	14692	2786	17478	49.84
24	5239	1050	273	6562	455	4830	0	4556	4937	-1208	15576	43	15619	2756	18375	49.89
MUs	123.7 1	22.02	6.62	152.34	8.86	105.53	1.20	112.73	111.46	-28.30	351.10	1.10	352.20	66.64	418.84	49.88

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 06/May/2015

Position as on 6.30 Hrs of 07/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		Continued.	Air heater problem	
CPP	WPCL U-1	135	03/05/2015	13.00	07/05/2015	05.33	Boiler Tube Leakage	
MSPGCL	Parli Unit 3	210	03/05/2015	20.51		Continued.	Sparking on Slipring.	
IPP	Adani U-5	660	04/05/2015	21.50	06/05/2015	04.49	SPS Optd.	
IPP	Adani U-2	660	06/05/2015	04.23		Continued.	FRS MOV Bonnet leakage.	
MSPGCL	Parli Unit 5	210	06/05/2015	20.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2015

Statement-VII

Position as on 6.30 Hrs of 07/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.
Talegaon PG - Aurangabad - II	InterState	05/05/2015	09.44	06/05/2015	18.36	T	Distance Protection
Kolhapur Mapusa II	InterState	05/05/2015	18.28	06/05/2015	07.06	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	06/05/2015	16.16	06/05/2015	17.16	PO	Due to clearance while attedning Breakdown of CKT-II
Dhule Sar'Sarovar I	InterState	06/05/2015	17.21		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	06/05/2015	17.57	07/05/2015	05.55	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-Jaigad - I	IntraState	05/05/2015	17.40	06/05/2015	08.25	T	Distance Protection(RFC from 18.55Hrs)
karad -kolhapur-I	IntraState	06/05/2015	03.03	06/05/2015	07.20	HT	Over Voltage
Main Bus @ Taptitanda	IntraState	06/05/2015	12:10	06/05/2015	18:50	PO	Isolator Alignment Of Busbar
karad -kolhapur-II	IntraState	06/05/2015	16.39	07/05/2015	06.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/05/2015	17.24	07/05/2015	06.20	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	06/05/2015	09.53	06/05/2015	20.06	PO	Repl.of LV side y Phase Bushing
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	05/05/2015	21.01	06/05/2015	12.56	T	Distance Protection
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 - Jindal	IntraState	05/05/2015	16.15	06/05/2015	18.46	PO	Breaker O/H work,CKT on TBC
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Pophli Pedhmbe Line- 2	IntraState	06/05/2015	06.20	06/05/2015	17.20	PO	R Phase CT Replacement
Ghugus- Lloyds	IntraState	06/05/2015	10.00	06/05/2015	13.00	PO	Tan Delta Measurment of CTs
Wardha-Dhamangaon	IntraState	06/05/2015	12.09	06/05/2015	19.24	PO	Repl.of Old Distance Relay
Khadka-Bhadli-2	IntraState	06/05/2015	13.28		Continued.	HT	Compressor problem at Bhadli end
Chandrapur Gcr -Midc (Chandrapur)	IntraState	06/05/2015	14.10	06/05/2015	18.40	PO	Tan Delta Measurment of CTs
Kalwa Salsette III	IntraState	07/05/2015	01.29	07/05/2015	06.03	PO	Spare Conductor Removal work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 kV 200 MVA ICT-II @Kalwa	IntraState	06/05/2015	14.11	06/05/2015	14.24	PO	Removing wire from LV Isolator

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