

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jun/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.408	625.875	1) Gujrat	-2.031	-11.447
2) Hydro	8.320	79.742	2) Madhya Pradesh	16.209	75.821
3) Gas	6.657	33.229	3) Chattisgarh	7.300	26.070
Total MSPGCL	134.385	738.846	4) Maharashtra Net	104.054	523.555
B) 1) APML	57.730	288.770	5) Goa	-6.387	-36.585
2) JSWEL	16.460	83.193	6) TAPS 1&2 Injection	0.000	2.930
3) VIPL	12.843	60.866	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.830	28.160	8) Pench (MS)	0.083	0.538
5) WPCL	4.795	23.531	9) Pench (Excess)	-0.083	-0.326
6) Other IPP	4.572	26.673	Total	119.062	580.018
C) 1) TPCL Thermal	18.188	82.291	a) Mumbai Schedule	30.101	150.193
2) TPCL Hydro	4.049	23.172	b) Mumbai Drawl	31.447	157.100
3) TPCL Gas	2.584	13.722	c) MSEDCL Bilateral *	31.530	143.324
4) R-INFRA Thermal	12.181	61.328	Include PX	2.832	2.578
D) STATE			d) Mumbai Bilateral *	30.101	150.193
1) Thermal	252.007	1280.687	Include PX	2.336	9.987
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.369	102.914	H) ENERGY CATERED (MUs)		
3) Gas	9.241	46.951	1) MSEDCL	337.137	1765.327
4) Wind	12.000	86.359	2) Mumbai Discoms	68.446	337.608
6) SOLAR	0.907	5.685	TOTAL STATE	405.583	2102.935
TOTAL STATE	286.524	1522.596			

* 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 8 Hrs
MSPGCL Thermal	5025	5036	4994	4964
MSPGCL Hydro	216	794	417	101
MSPGCL Gas	280	272	274	285
MSPGCL Total Generation	5521	6102	5685	5350
Central Sector Receipt	5728	5867	5255	4082
WIND	167	46	618	750
CPP / IPP	4427	4406	4326	4228
SOLAR	138	50	0	39
Exchange with Mumbai	-1559	-1603	-1452	-891
MSEDCL DEMAND MET	14422	14868	14432	13558
Load Shedding	47	42	42	48
MSEDCL DEMAND	14469	14910	14474	13606
TPCL GENERATION	1206	1256	1063	842
R-INFRA GENERATION	506	510	510	510
MUMBAI DEMAND	3271	3369	3025	2243
STATE DEMAND MET	17693	18237	17457	15801
STATE DEMAND	17740	18279	17499	15849
Frequency (Hz)	49.94	49.96	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.02 Hrs	49.77 Hz at 02.19 Hrs	49.96	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 05/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	11.60	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	5.06	0	0
Total	0.00	16.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.84	55.93	510	390
Unit 5	0.00	23.63	0	0
Total	11.84	79.56		
Parli				
Unit 3	3.80	18.11	166	149
Unit 4	0.00	0.00	0	0
Unit 5	3.58	17.84	152	143
Unit 6	4.88	25.34	250	184
Unit 7	4.83	27.18	231	191
Total	17.10	88.46		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.32	13.94	145	105
Unit 3	4.73	21.09	205	178
Unit 4	4.34	21.48	185	171
Unit 5	10.02	45.86	430	405
Unit 6	9.78	47.78	420	390
Unit 7	9.23	42.79	405	358
Total	41.42	192.95		
Paras				
Unit 3	5.70	26.85	250	226
Unit 4	5.82	27.60	255	226
Total	11.52	54.45		
Khaparkheda				
Unit 1	3.06	17.38	155	40
Unit 2	3.33	17.36	155	130
Unit 3	3.54	19.38	156	143
Unit 4	3.56	18.56	161	140
Unit 5	9.92	51.32	495	385
Total	23.41	124.00		
Nasik				
Unit 3	4.74	23.61	205	185
Unit 4	4.65	23.06	200	183
Unit 5	4.73	23.12	205	190
Total	14.12	69.79		
Uran				
All Units	6.66	33.23	286	271
Total	6.66	33.23		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.08	0.54	46	0
Total	0.08	0.54		
Koyna				
Stage 1-2	3.32	24.70	440	40
Stage 4	1.40	28.53	443	0
Stage 3	1.09	11.94	160	0
Total	5.81	65.17		
Hydro				
KDPH	0.18	1.57	15	0
VTRNA	0.82	4.18	61	0
TILLARI	0.25	1.37	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.20	80	0
RNGR+BHTSA	0.22	0.89	10	9
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.22	0.22	10	8
SMLHY_PTN	0.22	1.13	17	7
GHATGHAR	0.33	3.39	120	0
Total	2.51	14.57		
Wind				
Total	12.00	86.36	0	0
Total	12.00	86.36		
CPP				
APML(Mus)	57.73	288.77	0	0
JSWEL(Mus)	16.46	83.19	0	0
VIPL(Mus)	12.84	60.87	0	0
RPLAMT(Mus)	5.83	28.16	0	0
WPCL(Mus)	4.80	23.53	0	0
Other(Mus)	4.57	26.67	0	0
Total	102.23	511.19		
SOLAR				
Total	0.91	5.68	0	0
Total	0.91	5.68		
Tata				
Trombay 5	11.63	46.31	493	437
Trombay 6	0.88	13.80	152	0
Trombay 7A	1.43	7.76	60	59
Trombay 7B	1.15	5.96	49	47
Trombay 8	5.68	22.19	251	150
TATA Hydro	4.05	23.17	429	0
Total	24.82	119.18		
R-INFRA				
1-2	12.18	61.33	514	502
Total	12.18	61.33		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.41	625.88
MSPGCL Thml+Gas	126.06	659.10

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.32	79.74
MSPGCL Total	134.38	738.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.72	53.23
State Total	286.52	1522.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Jun/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	4945	575	271	5791	1066	4237	0	4836	5090	-1401	14783	66	14849	2808	17657	49.98
2	4905	174	276	5355	731	4147	0	4670	5120	-1181	14172	47	14219	2622	16841	49.89
3	4927	106	277	5310	679	4136	0	4592	5089	-990	14224	47	14271	2443	16714	49.86
4	4930	86	277	5293	644	4072	0	4520	4698	-904	13803	47	13850	2316	16166	49.94
5	4925	86	278	5289	680	4112	0	4466	4518	-776	13823	47	13870	2255	16125	50.00
6	4894	80	280	5254	697	4161	0	4446	4407	-809	13710	47	13757	2268	16025	49.99
7	4940	200	285	5425	764	4204	2	4509	4224	-853	13766	48	13814	2193	16007	49.99
8	4964	101	285	5350	750	4228	39	4577	4082	-891	13558	48	13606	2243	15849	50.00
9	4969	157	286	5412	815	4256	61	4865	4477	-1168	13853	51	13904	2526	16430	49.97
10	4983	296	283	5562	559	4300	103	5263	4791	-1359	13956	51	14007	2828	16835	49.97
11	4996	294	281	5571	412	4233	131	5586	5104	-1481	13970	49	14019	3170	17189	49.98
12	5025	216	280	5521	167	4427	138	5557	5728	-1559	14422	47	14469	3271	17740	49.94
13	5164	218	278	5660	47	4435	137	5274	5279	-1518	14040	47	14087	3298	17385	49.92
14	5131	580	277	5988	44	4441	103	5148	4917	-1469	14024	42	14066	3236	17302	49.96
15	5160	977	278	6415	24	4456	85	5317	5202	-1659	14523	42	14565	3352	17917	49.96
16	5036	794	272	6102	46	4406	50	5645	5867	-1603	14868	42	14910	3369	18279	49.96
17	4943	864	272	6079	137	4332	33	5117	5329	-1539	14371	42	14413	3330	17743	49.96
18	4960	380	272	5612	350	4262	23	4647	5053	-1522	13778	42	13820	3225	17045	49.98
19	4969	583	273	5825	495	4370	2	4119	4202	-1521	13373	42	13415	3065	16480	49.99
20	4994	417	274	5685	618	4326	0	4882	5255	-1452	14432	42	14474	3025	17499	49.93
21	4956	454	275	5685	649	4333	0	4915	5273	-1427	14513	42	14555	2918	17473	49.98
22	4982	177	275	5434	582	4171	0	4930	4754	-1465	13476	42	13518	2908	16426	50.00
23	4871	175	275	5321	527	4048	0	4959	5490	-1447	13939	42	13981	2856	16837	49.92
24	4841	330	277	5448	517	4137	0	4908	5112	-1453	13761	42	13803	2924	16727	49.93
MUs	119.4 1	8.32	6.66	134.39	12.00	102.23	0.91	117.75	119.06	-31.45	337.14	1.10	338.24	68.45	406.69	49.96

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 05/Jun/2015

Position as on 6.30 Hrs of 06/Jun/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	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
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.	No schedule	
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	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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.	
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 regirment	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	
CPP	WPCL U-1	135	01/06/2015	00.00	06/06/2015	05.29	ESP bag filter puring header heavy Leakage.	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
CENT.SECTOR	Tarapur 2	160	01/06/2015	22.42	06/06/2015	11.00	Primary system Leakage.	
MSPGCL	Koradi Unit 7	210	02/06/2015	11.05		Continued.	Leakage at Chimany base.	
MSPGCL	Bhusawal Unit 5	500	03/06/2015	08.01		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	04/06/2015	10.30		Continued.	I D Fan Vaibration High.	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jun/2015

Position as on 6.30 Hrs of 06/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	06/06/2015	01.03		Continued.	Air heater problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 06/Jun/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	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	05/06/2015	00.59	05/06/2015	08.21	PO	Premansoon maint.work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa I	InterState	04/06/2015	17.42		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/06/2015	10.22		Continued.	PO	Corona ring replacement(RFC 18.00Hrs)
Parli (Pg) Wardha (Pg) I	InterState	05/06/2015	19.23	05/06/2015	21.46	EO	To attend Hot Spot
Dabhol Nagothane II	InterState	06/06/2015	02.56		Continued.	T	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	03/06/2015	22.24	05/06/2015	09.26	HT	Padgha-BBLR L/L.
karad -kolhapur-II	IntraState	04/06/2015	17.08	05/06/2015	09.23	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/06/2015	17.11		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/06/2015	00.39	05/06/2015	10.36	T	Distance Protection
karad -kolhapur-II	IntraState	05/06/2015	17.50		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/06/2015	19.47		Continued.	T	Distance protection(RFC 21.10Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	06/06/2015	01.21		Continued.	HT	To control line loading
400 KV ICT Outages/Trippings							
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	05/06/2015	09.31	05/06/2015	14.55	PO	Premansoon maint.work
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	05/06/2015	11.06	05/06/2015	19.35	PO	Premansoon maint.work
400/220kv 315 MVA ICT-III@Padgha	IntraState	05/06/2015	11.49	05/06/2015	19.05	PO	Premansoon maint.work
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	05/06/2015	13.24	05/06/2015	18.15	PO	To attend Broken E/W
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.
Chikhli-Jalna-I	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Chikhli-Jalna-II	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Theur-Flagship	IntraState	04/06/2015	09.33		Continued.	PO	LILO to Nanded City.
Babhaleshwar- Ranjangaon	IntraState	04/06/2015	10.23	05/06/2015	20.06	PO	Quarterly Maintainance Work
Chandrapur GCR - Warora - I	IntraState	05/06/2015	06.04	05/06/2015	07.28	T	Distance Protection
Versova Aarey Line 1	IntraState	05/06/2015	07.07	05/06/2015	08.51	PO	Premansoon maint.work
Padghe - Jambhul 2	IntraState	05/06/2015	08.22	05/06/2015	14.44	PO	Jumper replacement work
Kalwa - Taloja	IntraState	05/06/2015	10.00	05/06/2015	18.20	PO	Jumper Nut Bolt Tightening
Wadkhal - Ndil 1	IntraState	05/06/2015	14.05	05/06/2015	18.05	HT	H/T for precaution due to construction work
Karad(400kv) - Ogalewadi Ckt 2	IntraState	05/06/2015	17.51	05/06/2015	20.42	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 05/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 06/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar - Nerul	IntraState	06/06/2015	02.50		Continued.	PO	stringing of single conductor
Kharghar Trombay	IntraState	06/06/2015	03.05		Continued.	PO	safty to work for stringing of conductor on 220 kharghar-nerul line
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Deoli-Mvnl	IntraState	05/06/2015	05.48	05/06/2015	20.05	T	Y phase PT Burst
Talegaon-Tiwasa	IntraState	05/06/2015	12.21	05/06/2015	12.40	T	Master Trip relay operated

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