

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/May/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.725	3800.364	1) Gujrat	-4.054	-36.614
2) Hydro	12.667	654.432	2) Madhya Pradesh	13.289	405.611
3) Gas	6.628	202.237	3) Chattisgarh	4.080	190.530
Total MSPGCL	154.020	4657.033	4) Maharashtra Net	97.195	3055.639
B) 1) APMIL	58.720	1693.290	5) Goa	-6.728	-228.678
2) JSWEL	15.191	595.819	6) TAPS 1&2 Injection	3.165	101.513
3) VIPL	11.425	339.300	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.100	161.900	8) Pench (MS)	0.109	3.395
5) WPCL	7.829	258.456	9) Pench (Excess)	-0.109	-3.032
6) Other IPP	6.322	177.318	Total	106.838	3484.969
C) 1) TPCL Thermal	11.684	502.527	a) Mumbai Schedule	22.037	795.035
2) TPCL Hydro	2.226	109.737	b) Mumbai Drawl	28.323	917.491
3) TPCL Gas	2.584	93.657	c) MSEDCL Bilateral *	31.441	955.065
4) R-INFRA Thermal	12.399	359.868	Include PX	0.062	0.103
D) STATE			d) Mumbai Bilateral *	22.037	793.035
1) Thermal	263.395	7888.842	Include PX	1.729	68.312
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro (A2+C2)	14.893	764.169	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.212	295.894	1) MSEDCL	353.087	11026.862
4) Wind	15.145	535.785	2) Mumbai Discoms	57.213	1983.273
6) SOLAR	0.820	37.451	TOTAL STATE	410.300	13010.135
TOTAL STATE	303.465	9522.141			

* 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 8 Hrs
MSPGCL Thermal	5774	5842	5126	5248
MSPGCL Hydro	1259	856	454	419
MSPGCL Gas	275	275	278	276
MSPGCL Total Generation	7308	6973	5858	5943
Central Sector Receipt	4214	4457	4543	4769
WIND	137	795	672	717
CPP / IPP	4453	4496	4267	4174
SOLAR	106	102	0	19
Exchange with Mumbai	-1163	-1277	-1086	-889
MSEDCL DEMAND MET	15055	15546	14254	14733
Load Shedding	48	40	44	48
MSEDCL DEMAND	15103	15586	14298	14781
TPCL GENERATION	699	740	965	615
R-INFRA GENERATION	517	516	514	518
MUMBAI DEMAND	2379	2533	2565	2022
STATE DEMAND MET	17434	18079	16819	16755
STATE DEMAND	17482	18119	16863	16803
Frequency (Hz)	49.99	50.01	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.45 Hz at 17.06 Hrs	49.7 Hz at 00.09 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 31/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.56	104.47	155	140
Unit 6	0.00	0.00	0	0
Unit 7	3.95	105.36	175	155
Total	7.51	209.83		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.68	315.92	500	370
Unit 5	10.66	283.00	500	370
Total	21.34	598.91		
Parli				
Unit 3	3.60	59.96	155	137
Unit 4	0.00	0.00	0	0
Unit 5	3.55	83.06	152	143
Unit 6	5.39	160.32	247	188
Unit 7	5.48	146.08	250	194
Total	18.03	449.41		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	82.07	0	0
Unit 3	4.51	125.18	203	170
Unit 4	4.23	116.18	188	161
Unit 5	9.74	205.91	433	365
Unit 6	9.46	259.41	415	365
Unit 7	9.37	284.56	421	370
Total	37.32	1073.32		
Paras				
Unit 3	5.34	142.34	237	188
Unit 4	5.18	165.41	239	195
Total	10.52	307.76		
Khaparkheda				
Unit 1	3.49	125.00	180	110
Unit 2	3.44	112.48	185	105
Unit 3	4.14	108.39	197	148
Unit 4	4.06	126.36	182	164
Unit 5	10.82	293.09	500	380
Total	25.94	765.32		
Nasik				
Unit 3	4.74	136.54	205	190
Unit 4	4.71	135.58	204	184
Unit 5	4.61	123.70	197	184
Total	14.06	395.82		
Uran				
All Units	6.63	202.24	279	272
Total	6.63	202.24		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	3.40	24	0
Total	0.11	3.40		
Koyna				
Stage 1-2	5.34	164.00	510	35
Stage 4	1.76	281.24	276	0
Stage 3	1.76	97.46	160	0
Total	8.87	542.70		
Hydro				
KDPH	0.46	14.65	28	15
VTRNA	0.84	24.58	61	0
TILLARI	0.36	8.94	63	0
BHTGR/VEER	0.00	1.32	0	0
BHIRA T.R.	0.26	5.48	81	0
RNGR+BHTSA	0.23	6.14	10	9
BHANDARDRA	0.22	7.20	34	0
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.29	20.34	19	9
GHATGHAR	1.14	20.57	125	0
Total	3.80	111.74		
Wind				
Total	15.14	535.78	0	0
Total	15.14	535.78		
CPP				
APML(Mus)	58.72	1693.29	0	0
JSWEL(Mus)	15.19	595.82	0	0
VIPL(Mus)	11.42	339.30	0	0
RPLAMT(Mus)	5.10	161.90	0	0
WPCL(Mus)	7.83	258.46	0	0
Other(Mus)	6.32	177.28	0	0
Total	104.59	3226.04		
SOLAR				
Total	0.82	37.45	0	0
Total	0.82	37.45		
Tata				
Trombay 5	5.80	322.74	245	235
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	55.24	60	59
Trombay 7B	1.15	38.42	49	47
Trombay 8	5.89	179.78	248	243
TATA Hydro	2.23	109.74	381	0
Total	16.49	705.92		
R-INFRA				
1-2	12.40	359.87	519	513
Total	12.40	359.87		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	134.72	3800.36
MSPGCL Thml+Gas	141.35	4002.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.67	654.43
MSPGCL Total	154.02	4657.03

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.11	445.23
State Total	303.46	9522.14

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/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	5979	586	278	6843	585	4400	0	4714	4986	-1467	15347	84	15431	2692	18123	49.87
2	5966	469	279	6714	542	4328	0	4634	5057	-1395	15246	44	15290	2524	17814	49.99
3	5927	389	278	6594	660	4324	0	4546	5207	-1261	15524	44	15568	2373	17941	49.96
4	5914	195	276	6385	720	4392	0	4393	4597	-1160	14934	44	14978	2270	17248	49.98
5	5907	191	276	6374	715	4321	0	4369	4327	-1079	14658	48	14706	2195	16901	49.99
6	5379	256	277	5912	880	4218	0	4477	4725	-1056	14679	48	14727	2167	16894	49.98
7	5273	606	274	6153	868	4176	2	4625	4442	-914	14727	48	14775	2060	16835	50.02
8	5248	419	276	5943	717	4174	19	4675	4769	-889	14733	48	14781	2022	16803	50.00
9	5396	278	277	5951	626	4255	45	4803	4142	-946	14073	48	14121	2068	16189	49.99
10	5499	553	277	6329	383	4277	70	4973	4422	-978	14503	48	14551	2160	16711	50.01
11	5773	893	274	6940	229	4402	86	4869	4308	-1069	14896	48	14944	2288	17232	49.98
12	5774	1259	275	7308	137	4453	106	4871	4214	-1163	15055	48	15103	2379	17482	49.99
13	5810	1076	272	7158	180	4488	86	5054	4953	-1247	15618	48	15666	2429	18095	49.73
14	5802	873	272	6947	376	4529	100	5029	4663	-1283	15332	48	15380	2452	17832	49.99
15	5830	732	272	6834	453	4444	92	5025	4759	-1363	15219	40	15259	2510	17769	49.98
16	5842	856	275	6973	795	4496	102	4980	4457	-1277	15546	40	15586	2533	18119	50.01
17	5807	642	277	6726	964	4470	60	4475	3962	-1259	14923	40	14963	2453	17416	50.10
18	5734	136	276	6146	1016	4458	49	4188	3255	-1235	13689	40	13729	2348	16077	50.31
19	5224	194	277	5695	982	4252	3	3752	3355	-1173	13114	44	13158	2286	15444	50.10
20	5175	348	278	5801	958	4253	0	3920	4224	-1160	14076	44	14120	2458	16578	49.97
21	5126	454	278	5858	672	4267	0	4419	4543	-1086	14254	44	14298	2565	16863	50.00
22	5170	316	279	5765	470	4297	0	4458	4774	-1133	14173	44	14217	2619	16836	49.99
23	5423	401	277	6101	598	4417	0	4479	4640	-1292	14464	44	14508	2662	17170	49.94
24	5747	545	278	6570	619	4496	0	4562	4059	-1438	14306	44	14350	2703	17053	49.98
MUs	134.7 2	12.67	6.63	154.02	15.14	104.59	0.82	110.29	106.84	-28.32	353.09	1.12	354.21	57.22	411.42	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 31/May/2015

Position as on 6.30 Hrs of 01/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	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	
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	
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 reqirment	
IPP	Adani U-3	660	11/05/2015	00.52	31/05/2015	11.13	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Chandrapur Unit 2	210	29/05/2015	23.12	01/06/2015	19.20	Boiler Tube Leakage	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	
CPP	WPCL U-1	135	01/06/2015	00.00		Continued.	ESP bag filter puring header heavy Leakage.	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	AOH.	
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		Continued.	Primary system Leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2015

Statement-VII

Position as on 6.30 Hrs of 01/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.
Raichur(PG)-Solapur(PG)- I	InterState	31/05/2015	17.00	31/05/2015	19.00	T	Distance Protection
Raichur(PG)-Solapur(PG)- II	InterState	31/05/2015	17.00	31/05/2015	19.25	T	Distance Protection
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	30/05/2015	17.55	31/05/2015	09.48	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	30/05/2015	18.02	31/05/2015	09.29	HT	Over Voltage
Dabhol Nagothane I	InterState	31/05/2015	03.38	31/05/2015	15.24	T	Distance Protection
Kolhapur Mapusa I	InterState	31/05/2015	16.10	01/06/2015	07.44	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	31/05/2015	18.46	01/06/2015	07.41	HT	Over Voltage
Koradi Bhilai	InterState	31/05/2015	19.09	01/06/2015	23.09	T	Distance Protection
Chandrapur Bhadravati Iii	InterState	01/06/2015	10.22	01/06/2015	16.46	PO	Disc Replacement.
Chandrapur Bhadravati Iv	InterState	01/06/2015	10.42	01/06/2015	16.46	PO	A/R Out.
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.
Bhusawal-Aurangabad	IntraState	30/05/2015	18.12	31/05/2015	09.28	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	31/05/2015	03.39		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	31/05/2015	16.27	01/06/2015	08.48	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	01/06/2015	12.22	01/06/2015	17.55	PO	A/R Out & OPGW Work.
Bhusawal-Aurangabad	IntraState	01/06/2015	21.33		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400 KV 315MVA ICT-II @ Boisar(PG)	IntraState	29/05/2015	10:34	31/05/2015	19.56	PO	Oil Filtration Work(3 Days)
400/220kv 315 Mva ICT I @Karad	IntraState	01/06/2015	09.05	01/06/2015	12.21	PO	Attending Hot Spot
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	01/06/2015	09.10	01/06/2015	13.11	PO	Diagnostic Testing.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	01/06/2015	15.16	01/06/2015	18.13	PO	Relay Replacement work
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) II	InterState	31/05/2015	05.38	31/05/2015	19.16	PO	Removing Jumper and Strining to Gantry at PGCIL End.
Vasai Boiser(PG)	InterState	31/05/2015	06.08	31/05/2015	19.32	PO	Removing Jumper @ IOC No.-17 Conceting to New Gantry @ PGCIL End.
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.
Temghar - Kalwa	IntraState	29/05/2015	12.18		Continued.	PO	Taken on TBC,Hot Spot on Y Ph Bus Isolator.(upto Two Days)
Boisar II - PGCIL II	IntraState	31/05/2015	05.38		Continued.	PO	Removing Jumper @ IOC No.-17 Conceting to New Gantry @ PGCIL End.
Loteparshuram- Dasturi Line	IntraState	01/06/2015	09.40	01/06/2015	18.00	PO	Bus Outage at Lote.
Bus @ Lote	IntraState	01/06/2015	09.40	01/06/2015	18.00	PO	Overhauling of Bus Outage.
New Koyna - Loteparshuram	IntraState	01/06/2015	09.43	01/06/2015	18.13	PO	Bus Outage at Lote

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 31/May/2015

Statement-VII

Position as on 6.30 Hrs of 01/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Apta - Hoc	IntraState	01/06/2015	10.58	01/06/2015	14.36	PO	Main Breaker Problem at Hocl.
Kalyani - Baramati Agro	IntraState	01/06/2015	14.02	01/06/2015	16.10	PO	String Replacement.
Halkarni-Mahalaxmiline	IntraState	01/06/2015	15.43	01/06/2015	16.52	PO	E/O For Tree Cutting.
Jejuri (400 Kv)- Baramati li	IntraState	01/06/2015	17.40	01/06/2015	19.30	PO	Insulator Replacement Work
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							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.