

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/May/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.797	3665.639	1) Gujrat	-4.095	-32.560
2) Hydro	9.617	641.765	2) Madhya Pradesh	10.623	392.322
3) Gas	6.614	195.609	3) Chattisgarh	5.580	186.450
Total MSPGCL	150.028	4503.013	4) Maharashtra Net	100.069	2958.444
B) 1) APML	56.870	1634.570	5) Goa	-7.291	-221.950
2) JSWEL	16.159	580.628	6) TAPS 1&2 Injection	3.172	98.348
3) VIPL	11.904	327.875	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.620	156.800	8) Pench (MS)	0.002	3.286
5) WPCL	9.425	250.627	9) Pench (Excess)	-0.002	-2.923
6) Other IPP	6.203	170.996	Total	108.056	3378.131
C) 1) TPCL Thermal	12.513	490.843	a) Mumbai Schedule	25.858	772.999
2) TPCL Hydro	5.599	107.511	b) Mumbai Drawl	32.488	889.168
3) TPCL Gas	2.583	91.073	c) MSEDCL Bilateral *	32.389	923.624
4) R-INFRA Thermal	11.429	347.469	Include PX	0.019	0.041
D) STATE			d) Mumbai Bilateral *	25.858	770.999
1) Thermal	264.920	7625.447	Include PX	0.850	66.583
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro (A2+C2)	15.216	749.276	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.197	286.682	1) MSEDCL	348.485	10673.666
4) Wind	14.565	520.640	2) Mumbai Discoms	64.611	1926.060
6) SOLAR	1.143	36.631	TOTAL STATE	413.096	12599.726
TOTAL STATE	305.041	9218.676			

* 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 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5811	5893	5954	4984
MSPGCL Hydro	509	509	638	102
MSPGCL Gas	279	278	272	277
MSPGCL Total Generation	6599	6680	6864	5363
Central Sector Receipt	4866	5339	4719	3488
WIND	312	522	565	919
CPP / IPP	4588	4574	4540	4007
SOLAR	134	137	0	0
Exchange with Mumbai	-1517	-1484	-1367	-1209
MSEDCL DEMAND MET	14982	15768	15321	12568
Load Shedding	48	40	40	48
MSEDCL DEMAND	15030	15808	15361	12616
TPCL GENERATION	1063	1040	980	629
R-INFRA GENERATION	512	515	517	379
MUMBAI DEMAND	3092	3039	2864	2217
STATE DEMAND MET	18074	18807	18185	14785
STATE DEMAND	18122	18847	18225	14833
Frequency (Hz)	49.92	49.80	49.92	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.7 Hz at 23.08 Hrs	49.94	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 30/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.64	100.90	160	135
Unit 6	0.00	0.00	0	0
Unit 7	3.93	101.42	175	150
Total	7.57	202.32		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.07	305.23	505	385
Unit 5	10.80	272.34	500	325
Total	21.88	577.56		
Parli				
Unit 3	3.58	56.36	155	137
Unit 4	0.00	0.00	0	0
Unit 5	3.58	79.50	152	137
Unit 6	5.39	154.93	250	190
Unit 7	5.46	140.59	245	191
Total	18.02	431.39		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	82.07	0	0
Unit 3	4.63	120.67	205	166
Unit 4	4.32	111.94	190	162
Unit 5	9.79	196.17	430	370
Unit 6	9.62	249.95	415	375
Unit 7	8.81	275.19	406	290
Total	37.18	1036.00		
Paras				
Unit 3	2.56	137.00	243	0
Unit 4	5.33	160.23	241	190
Total	7.88	297.24		
Khaparkheda				
Unit 1	4.07	121.52	185	145
Unit 2	4.02	109.04	180	155
Unit 3	3.89	104.25	199	0
Unit 4	4.00	122.30	178	163
Unit 5	11.49	282.27	500	410
Total	27.47	739.38		
Nasik				
Unit 3	4.65	131.80	205	185
Unit 4	4.57	130.87	200	182
Unit 5	4.58	119.08	198	180
Total	13.80	381.76		
Uran				
All Units	6.61	195.61	280	270
Total	6.61	195.61		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	3.29	2	0
Total	0.00	3.29		
Koyna				
Stage 1-2	3.38	158.65	480	35
Stage 4	1.62	279.47	260	0
Stage 3	1.20	95.70	160	0
Total	6.20	533.82		
Hydro				
KDPH	0.72	14.19	30	30
VTRNA	0.84	23.74	61	0
TILLARI	0.31	8.58	64	0
BHTGR/VEER	0.00	1.32	0	0
BHIRA T.R.	0.18	5.22	80	0
RNGR+BHTSA	0.23	5.92	10	9
BHANDARDRA	0.22	6.99	10	9
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.40	20.05	25	14
GHATGHAR	0.50	19.43	125	0
Total	3.41	107.94		
Wind				
Total	14.56	520.64	0	0
Total	14.56	520.64		
CPP				
APML(Mus)	56.87	1634.57	0	0
JSWEL(Mus)	16.16	580.63	0	0
VIPL(Mus)	11.90	327.88	0	0
RPLAMT(Mus)	6.62	156.80	0	0
WPCL(Mus)	9.42	250.63	0	0
Other(Mus)	6.20	170.96	0	0
Total	107.18	3121.46		
SOLAR				
Total	1.14	36.63	0	0
Total	1.14	36.63		
Tata				
Trombay 5	6.95	316.95	490	241
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	53.81	60	59
Trombay 7B	1.15	37.27	48	47
Trombay 8	5.56	173.89	248	202
TATA Hydro	5.60	107.51	459	0
Total	20.70	689.43		
R-INFRA				
1-2	11.43	347.47	519	378
Total	11.43	347.47		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	133.80	3665.64
MSPGCL Thml+Gas	140.41	3861.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.62	641.76
MSPGCL Total	150.03	4503.01

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.01	438.12
State Total	305.04	9218.68

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 30/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	5402	232	278	5912	948	4716	0	4274	3763	-1368	13971	52	14023	2741	16764	49.94
2	5277	107	277	5661	897	4808	0	4060	3510	-1193	13683	44	13727	2543	16270	49.98
3	5155	102	275	5532	967	4644	0	3992	3580	-1293	13430	44	13474	2380	15854	49.98
4	4945	102	276	5323	929	4093	0	4026	4154	-1267	13232	44	13276	2272	15548	49.99
5	4984	102	277	5363	919	4007	0	4082	3488	-1209	12568	48	12616	2217	14833	49.98
6	5031	102	278	5411	991	4149	0	4199	4192	-1192	13551	48	13599	2200	15799	49.99
7	4973	102	276	5351	859	4107	6	4417	4277	-1115	13485	48	13533	2125	15658	49.97
8	4983	107	276	5366	731	3936	26	4535	4797	-1138	13718	48	13766	2163	15929	49.97
9	5015	275	272	5562	608	4185	52	4751	4951	-1287	14071	48	14119	2348	16467	49.96
10	5435	371	270	6076	389	4431	101	5010	5167	-1546	14618	48	14666	2731	17397	49.97
11	5742	590	278	6610	251	4540	142	5018	4937	-1535	14945	48	14993	2959	17952	49.95
12	5811	509	279	6599	312	4588	134	5086	4866	-1517	14982	48	15030	3092	18122	49.92
13	5932	388	278	6598	352	4530	172	5101	5351	-1534	15469	49	15518	3094	18612	49.88
14	5934	364	278	6576	439	4513	156	5079	4840	-1443	15081	40	15121	3001	18122	49.88
15	5893	509	278	6680	522	4574	137	5026	5339	-1484	15768	40	15808	3039	18847	49.80
16	5860	977	279	7116	528	4583	99	5007	4716	-1470	15572	40	15612	3031	18643	49.90
17	5892	979	280	7151	519	4628	74	4486	4654	-1420	15606	40	15646	2978	18624	49.95
18	5896	411	279	6586	503	4487	38	4280	4663	-1394	14883	40	14923	2878	17801	50.01
19	5886	318	272	6476	489	4548	6	4085	3455	-1415	13559	40	13599	2787	16386	49.98
20	5954	638	272	6864	565	4540	0	4337	4719	-1367	15321	40	15361	2864	18225	49.92
21	5940	598	271	6809	525	4622	0	4422	4654	-1381	15229	40	15269	2829	18098	49.95
22	5941	506	271	6718	502	4611	0	4428	4847	-1393	15285	40	15325	2762	18087	49.96
23	5935	464	272	6671	447	4629	0	4428	4789	-1251	15285	40	15325	2761	18086	49.88
24	5941	764	272	6977	373	4712	0	4409	4347	-1276	15133	40	15173	2817	17990	49.82
MUs	133.76	9.62	6.61	149.99	14.57	107.18	1.14	108.54	108.06	-32.49	348.44	1.06	349.50	64.61	414.11	49.94

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 30/May/2015

Position as on 6.30 Hrs of 31/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	
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	
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	Paras Unit 3	250	27/05/2015	12.30	30/05/2015	11.03	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 2	210	29/05/2015	23.12		Continued.	Boiler Tube Leakage	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/May/2015

Statement-VII

Position as on 6.30 Hrs of 31/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	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
Koradi-III - Akola-II ckt-I	IntraState	30/05/2015	05.24	30/05/2015	07.24	T	Distance Protection
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14	30/05/2015	22.46	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa II	InterState	29/05/2015	16.52	30/05/2015	10.49	T	Over Voltage
Dhule Sar'Sarovar I	InterState	29/05/2015	18.30	30/05/2015	08.23	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/05/2015	02.19	30/05/2015	08.42	HT	Over Voltage
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		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	31/05/2015	18.46		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	31/05/2015	19.09		Continued.	T	Distance Protection
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 BLSR ICT loading.
karad -kolhapur-I	IntraState	29/05/2015	17.09	30/05/2015	09.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/05/2015	18.05	30/05/2015	06.01	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/05/2015	18.10	30/05/2015	08.51	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/05/2015	21.47	30/05/2015	07.32	HT	Over Voltage
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		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)
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 String 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)
Taloja li - Ocil 2	IntraState	30/05/2015	04.51	30/05/2015	11.50	T	Pilat Protection Operated.
Tata Borivli MSETCL Borivli 4	IntraState	30/05/2015	07.02	30/05/2015	11.05	PO	Premansoon Work.

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 30/May/2015

Statement-VII

Position as on 6.30 Hrs of 31/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Versova Ghodbunder-II	IntraState	30/05/2015	07.50	30/05/2015	10.21	PO	To Carry Out Signature Analysis Test.
Mumewadi-Belewadi	IntraState	30/05/2015	09.47	30/05/2015	17.55	PO	Testing & Commissioning of Scada.
Tata Borivli MSETCL Borivli 5	IntraState	30/05/2015	11.28	30/05/2015	18.24	PO	Premonsoon Maint.
Pigasus-Hinjewadi-II	IntraState	30/05/2015	12.00	30/05/2015	14.05	PO	Relay Testing Work.
Boisar II - PGCIL II	IntraState	31/05/2015	05.38		Continued.	PO	Removing Jumper @ IOC No.-17 Conceting to New Gantry @ PGCIL End.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivli	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Bbl Ict 2 @Waghala Nanded	IntraState	30/05/2015	09.33	30/05/2015	11.56	PO	Premonsoon Maintenace Work.
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	30/05/2015	14.45	30/05/2015	15.55	PO	Replacement of Relay.
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.

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