

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.633	3757.804	1) Gujrat	-4.201	-84.114
2) Hydro	12.395	416.208	2) Madhya Pradesh	16.531	497.510
3) Gas	10.268	287.035	3) Chattisgarh	5.500	161.560
Total MSPGCL	149.296	4461.047	4) Maharashtra Net	99.502	2610.142
B) 1) APLM	44.160	1451.700	5) Goa	-6.979	-207.593
2) JSWEL	14.866	461.368	6) TAPS 1&2 Injection	3.574	113.130
3) VIPL	10.444	319.782	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	16.970	177.290	8) Pench (MS)	0.029	2.676
5) WPCL	2.774	80.864	9) Pench (Excess)	-0.029	-2.714
6) Other IPP	9.288	289.904	Total	113.898	3087.921
C) 1) TPCL Thermal	19.429	492.387	a) Mumbai Schedule	20.945	623.353
2) TPCL Hydro	3.603	89.064	b) Mumbai Drawl	23.716	651.096
3) TPCL Gas	3.699	109.979	c) MSEDCL Bilateral *	26.609	683.386
4) R-INFRA Thermal	11.338	344.848	Include PX	-0.621	-17.644
D) STATE			d) Mumbai Bilateral *	20.945	622.496
1) Thermal	255.902	7375.947	Include PX	1.623	21.456
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	15.998	505.272	H) ENERGY CATERED (MUs)		
3) Gas	13.967	397.014	1) MSEDCL	349.679	9931.904
4) Wind	10.204	213.708	2) Mumbai Discoms	61.780	1687.349
6) SOLAR	1.495	36.740	TOTAL STATE	411.459	11619.253
TOTAL STATE	297.566	8528.681			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5558	5645	4958	5125
MSPGCL Hydro	1080	731	790	167
MSPGCL Gas	418	416	429	440
MSPGCL Total Generation	7056	6792	6177	5732
Central Sector Receipt	5226	5409	4571	4463
WIND	158	358	535	488
CPP / IPP	4261	4215	4144	3892
SOLAR	200	196	0	0
Exchange with Mumbai	-1161	-1153	-890	-784
MSEDCL DEMAND MET	15740	15817	14537	13791
Load Shedding	66	77	59	52
MSEDCL DEMAND	15806	15894	14596	13843
TPCL GENERATION	1422	1412	1384	832
R-INFRA GENERATION	509	515	518	381
MUMBAI DEMAND	3092	3080	2802	1997
STATE DEMAND MET	18832	18897	17339	15788
STATE DEMAND	18898	18974	17398	15840
Frequency (Hz)	49.91	49.90	49.83	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 04.34 Hrs	49.55 Hz at 19.10 Hrs	49.97	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/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	67.42	0	0
Unit 7	3.84	118.67	172	145
Total	3.84	186.10		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	110.46	180	160
Unit 4	10.16	272.77	510	370
Unit 5	10.24	229.88	510	375
Total	24.56	613.11		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.21	98.53	149	120
Unit 5	3.52	83.70	155	140
Unit 6	4.83	144.31	250	184
Unit 7	4.87	132.18	250	177
Total	16.43	458.73		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.26	101.42	140	131
Unit 3	4.24	134.11	196	160
Unit 4	4.26	115.00	194	165
Unit 5	9.68	261.85	450	347
Unit 6	9.45	243.44	415	366
Unit 7	9.14	282.27	395	360
Total	40.02	1138.09		
Paras				
Unit 3	4.95	129.04	224	185
Unit 4	0.00	18.35	0	0
Total	4.95	147.39		
Khaparkheda				
Unit 1	4.06	125.76	195	145
Unit 2	3.89	117.62	170	150
Unit 3	4.39	124.00	199	175
Unit 4	4.11	131.14	196	164
Unit 5	11.14	323.91	500	400
Total	27.59	822.45		
Nasik				
Unit 3	4.78	137.40	210	180
Unit 4	4.48	136.10	199	176
Unit 5	0.00	118.44	0	0
Total	9.25	391.94		
Uran				
All Units	10.27	287.04	441	401
Total	10.27	287.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	2.68	19	0
Total	0.03	2.68		
Koyna				
Stage 1-2	3.51	124.08	455	40
Stage 4	1.58	109.96	280	0
Stage 3	0.59	50.99	160	0
Total	5.68	285.03		
Hydro				
KDPH	0.88	8.89	37	36
VTRNA	1.06	31.67	61	0
TILLARI	0.38	9.08	64	0
BHTGR/VEER	0.06	1.32	3	2
BHIRA T.R.	0.22	4.55	40	0
RNGR+BHTSA	0.30	9.21	13	12
BHANDARDRA	0.47	11.31	20	19
ELDARY	0.38	3.63	17	15
SMLHY_PTN	0.74	20.95	31	30
GHATGHAR	2.23	30.56	240	0
Total	6.72	131.17		
Wind				
Total	10.20	213.71	0	0
Total	10.20	213.71		
CPP				
APML(Mus)	44.16	1451.70	0	0
JSWEL(Mus)	14.87	461.37	0	0
VIPL(Mus)	10.44	319.78	0	0
RPLAMT(Mus)	16.97	177.29	0	0
WPCL(Mus)	2.77	80.86	0	0
Other(Mus)	9.18	289.80	0	0
Total	98.40	2780.80		
SOLAR				
Total	1.50	36.74	0	0
Total	1.50	36.74		
Tata				
Trombay 5	10.35	283.50	492	313
Trombay 6	3.50	38.35	148	145
Trombay 7A	2.25	66.98	105	84
Trombay 7B	1.45	43.00	64	57
Trombay 8	5.58	170.53	250	201
TATA Hydro	3.60	89.06	394	0
Total	26.73	691.43		
R-INFRA				
1-2	11.34	344.85	520	379
Total	11.34	344.85		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	126.63	3757.80
MSPGCL Thml+Gas	136.90	4044.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.40	416.21
MSPGCL Total	149.30	4461.05

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.09	234.04
State Total	297.57	8528.68

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 31/Mar/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5276	189	441	5906	388	4082	0	4607	4884	-1069	14191	61	14252	2472	16724	49.95
2	5268	157	440	5865	369	4064	0	4278	4781	-1013	14066	47	14113	2233	16346	49.99
3	5161	167	441	5769	461	4016	0	4236	4487	-868	13865	52	13917	2085	16002	50.01
4	5125	167	440	5732	488	3892	0	4236	4463	-784	13791	52	13843	1997	15840	50.00
5	5109	157	438	5704	601	3855	0	4352	4434	-749	13845	55	13900	1957	15857	50.11
6	5227	157	438	5822	557	3794	0	4456	4866	-788	14251	67	14318	2001	16319	49.99
7	5364	478	438	6280	573	3935	7	4112	4700	-705	14790	101	14891	2067	16958	49.98
8	5297	222	438	5957	489	4107	32	4554	4938	-585	14938	104	15042	2151	17193	50.01
9	5131	356	426	5913	269	3925	89	4689	5681	-792	15085	93	15178	2443	17621	49.99
10	5201	961	418	6580	202	3946	140	4939	5495	-925	15438	71	15509	2817	18326	50.00
11	5560	1211	412	7183	128	4227	173	5257	5072	-1145	15638	59	15697	3047	18744	49.98
12	5558	1080	418	7056	158	4261	200	5355	5226	-1161	15740	66	15806	3092	18898	49.91
13	5645	731	416	6792	358	4215	196	5381	5409	-1153	15817	77	15894	3080	18974	49.90
14	5649	726	418	6793	319	4169	220	5253	4976	-1100	15377	65	15442	2945	18387	49.93
15	5666	676	418	6760	366	4340	172	5272	5003	-1143	15498	60	15558	2967	18525	49.90
16	5586	844	401	6831	536	4303	132	5203	5117	-1137	15782	49	15831	2971	18802	49.97
17	5394	781	416	6591	599	4252	99	5011	4739	-1158	15122	51	15173	2951	18124	49.95
18	5353	516	419	6288	562	4117	31	4045	3799	-1198	13599	59	13658	2890	16548	50.07
19	5122	283	421	5826	555	4086	4	4386	3736	-1140	13067	61	13128	2757	15885	49.97
20	4958	790	429	6177	535	4144	0	4545	4571	-890	14537	59	14596	2802	17398	49.83
21	4965	483	430	5878	537	4174	0	4501	4254	-994	13849	52	13901	2724	16625	49.96
22	4990	369	434	5793	449	4113	0	4299	4254	-870	13739	39	13778	2523	16301	49.93
23	5018	260	438	5716	363	4143	0	4358	4571	-1146	13647	39	13686	2434	16120	49.87
24	5010	634	440	6084	342	4342	0	4335	4442	-1203	14007	40	14047	2408	16455	49.97
MUs	126.63	12.40	10.27	149.30	10.20	98.50	1.50	111.66	113.90	-23.72	349.68	1.48	351.16	61.81	412.97	49.97

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/Mar/2015

Position as on 6.30 Hrs of 01/Apr/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Khaparkheda Unit 2	210	01/04/2015	03.16		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	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
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	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
IPP	Adani U-3	660	06/02/2015	11.42		Continued.	Bushing Repl Work.	
IPP	JSW (J) U4	300	05/03/2015	00.15	31/03/2015	14.48	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	08/03/2015	05.22	31/03/2015	17.35	Withdrawn	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
MSPGCL	Uran Unit 7	108	21/03/2015	13.56		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
MSPGCL	Nasik Unit 5	210	28/03/2015	22.55		Continued.	BTL.	
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	Koyna STG-IV Unit-3	250	30/03/2015	22.40	31/03/2015	04.20	R.M.Work	
IPP	RPL(AMT) U-2	270	01/04/2015	02.05		Continued.	Withdrawn	
IPP	RPL(AMT) U-5	270	01/04/2015	02.29	01/04/2015	06.23	Boiler Feed Pump Tripped	

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

Statement-VII

Position as on 6.30 Hrs of 01/Apr/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) I	InterState	28/03/2015	12.00			Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
Wardha(PG)-Aurangabad(PG)- II	InterState	28/03/2015	12.37			Continued.	PO	For Construction Crossing & Swapping Work of Comissioning of New 765kv Wardha-A'bad 3&4 for 3 Days.
400 KV LINE Outages/Trippings								
Kolhapur Mapusa I	InterState	27/03/2015	16.35	31/03/2015	07.26		PO	To Attend Hot Spot on PG @ Kolhapur End.
Dhule Sar'Sarovar I	InterState	30/03/2015	18.46	31/03/2015	09.26		HT	Over Voltage
Wardha (Pg) Warora I	InterState	31/03/2015	08.39			Continued.	PO	De-stringing work(2Days)
Kolhapur Mapusa II	InterState	31/03/2015	08.48			Continued.	HT	Maint.work at Mapusa end
Dabhol Nagothane II	InterState	31/03/2015	14.53	31/03/2015	15.19		T	Tripped at Dabhol end only
Dhule Sar'Sarovar II	InterState	31/03/2015	17.57			Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	30/03/2015	18.05	31/03/2015	08.16		HT	Over Voltage
Padghe - Nagothane - I	IntraState	31/03/2015	11.15	31/03/2015	18.55		PO	Disc Insulator Replacement Work
Main Bus-II @ Koradi III	IntraState	31/03/2015	13.56	31/03/2015	20.34		PO	Jumper Joining work
Chandrapur II - Chandrapur I Ckt-II	IntraState	31/03/2015	15.24	31/03/2015	17.07		T	To take line reactor in service
karad -kolhapur-I	IntraState	31/03/2015	17.47			Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/03/2015	18.02			Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/03/2015	18.23			Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings								
Nasik Navsari II	InterState	31/03/2015	09.00	31/03/2015	23.30		PO	Line Maintenance work
TBC @ Parli-II	IntraState	07/01/2015	15.48			Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03			Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06			Continued.	PO	Tower erection work (90Days)
Trombay - Kalwa	IntraState	19/03/2015	14.27			Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Aurangabad-Babhaleshwar	IntraState	30/03/2015	14.00	31/03/2015	19.22		PO	For making Lilo arrangement at new Deogaon Rangari S/S.and charging of Lilo ckt.
Khaparkheda-Ambazari-Ii	IntraState	31/03/2015	10.21	31/03/2015	10.50		PO	To attend Hot Spot
Ongc Uran - Jnpt	IntraState	31/03/2015	11.26	31/03/2015	19.03		PO	Distance Relay Testing Work
Kadegaon-Miraj	IntraState	31/03/2015	16.20	31/03/2015	20.06		T	Distance Protection
Waluj - Degaon Rangari	IntraState	31/03/2015	19.19	31/03/2015	19.20		T	First time charged
Babhaleshwar - Degaon Rangari	IntraState	31/03/2015	20.02	31/03/2015	20.03		T	First time charged
Waluj - Degaon Rangari	IntraState	31/03/2015	21.40			Continued.	HT	handtripped
220 KV ICT Outages/Trippings								
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16			Continued.	T	Monkey Fault
132 KV LINE Outages/Trippings								
Sawangi - Cosmofilms	IntraState	31/03/2015	18.03	31/03/2015	21.40		T	Distance Protection

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