

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.795	2781.397	1) Gujrat	0.721	-69.270
2) Hydro	21.006	262.338	2) Madhya Pradesh	19.589	347.406
3) Gas	10.100	205.775	3) Chattisgarh	5.170	111.660
Total MSPGCL	154.901	3249.510	4) Maharashtra Net	89.074	1837.005
B) 1) APML	58.050	1048.340	5) Goa	-6.591	-152.402
2) JSWEL	17.868	326.169	6) TAPS 1&2 Injection	3.627	84.250
3) VIPL	11.972	224.771	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.830	115.650	8) Pench (MS)	0.175	2.424
5) WPCL	2.702	59.427	9) Pench (Excess)	-0.175	-2.462
6) Other IPP	9.171	214.050	Total	111.415	2156.187
C) 1) TPCL Thermal	19.090	327.509	a) Mumbai Schedule	22.547	441.599
2) TPCL Hydro	4.307	59.936	b) Mumbai Drawl	22.564	472.807
3) TPCL Gas	3.796	77.406	c) MSEDCL Bilateral *	23.868	495.571
4) R-INFRA Thermal	12.310	248.511	Include PX	-0.204	-18.474
D) STATE			d) Mumbai Bilateral *	22.547	440.742
1) Thermal	260.788	5345.824	Include PX	1.019	9.535
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	25.313	322.274	H) ENERGY CATERED (MUs)		
3) Gas	13.896	283.181	1) MSEDCL	356.638	7113.062
4) Wind	6.266	161.791	2) Mumbai Discoms	62.068	1186.157
6) SOLAR	1.027	27.550	TOTAL STATE	418.706	8299.219
TOTAL STATE	307.290	6140.620			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5292	5142	4921	5108
MSPGCL Hydro	1857	1915	881	141
MSPGCL Gas	440	386	422	437
MSPGCL Total Generation	7589	7443	6224	5686
Central Sector Receipt	5211	5408	4872	3933
WIND	163	112	257	337
CPP / IPP	4529	4422	4472	4288
SOLAR	118	97	0	0
Exchange with Mumbai	-1094	-1185	-1085	-640
MSEDCL DEMAND MET	16516	16297	14740	13604
Load Shedding	43	26	26	36
MSEDCL DEMAND	16559	16323	14766	13640
TPCL GENERATION	1496	1427	1271	699
R-INFRA GENERATION	499	509	516	516
MUMBAI DEMAND	3089	3121	2895	1855
STATE DEMAND MET	19605	19418	17635	15459
STATE DEMAND	19648	19444	17661	15495
Frequency (Hz)	49.99	49.96	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18:02 Hrs	49.67 Hz at 00:34 Hrs	49.95	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 23/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	3.86	87.39	170	150
Total	3.86	154.81		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	2.75	90.37	185	0
Unit 4	11.25	184.03	505	375
Unit 5	0.00	179.70	0	0
Total	14.00	454.10		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.14	72.74	140	120
Unit 5	3.45	65.68	149	137
Unit 6	4.74	106.21	250	185
Unit 7	4.95	92.71	245	194
Total	16.28	337.35		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.28	75.54	141	133
Unit 3	4.80	98.09	208	163
Unit 4	4.56	79.40	194	167
Unit 5	10.61	191.36	455	430
Unit 6	9.98	165.58	430	300
Unit 7	9.24	207.13	411	335
Total	42.46	817.10		
Paras				
Unit 3	4.38	103.60	216	103
Unit 4	0.00	18.35	0	0
Total	4.38	121.96		
Khaparkheda				
Unit 1	4.24	93.28	195	160
Unit 2	4.13	87.58	180	160
Unit 3	4.51	89.62	210	162
Unit 4	4.50	96.56	195	176
Unit 5	12.10	231.84	510	500
Total	29.48	598.88		
Nasik				
Unit 3	4.61	99.92	200	170
Unit 4	4.54	99.96	198	178
Unit 5	4.19	97.32	185	164
Total	13.34	297.21		
Uran				
All Units	10.10	205.78	446	378
Total	10.10	205.78		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.18	2.42	50	0
Total	0.18	2.42		
Koyna				
Stage 1-2	4.68	83.84	495	40
Stage 4	8.23	56.86	1016	0
Stage 3	2.77	31.35	240	0
Total	15.69	172.04		
Hydro				
KDPH	0.44	4.63	19	18
VTRNA	0.95	23.69	61	0
TILLARI	0.25	6.41	64	0
BHTGR/VEER	0.06	0.82	3	2
BHIRA T.R.	0.11	2.87	40	0
RNGR+BHTSA	0.32	6.80	14	13
BHANDARDRA	0.51	7.41	22	21
ELDARY	0.28	0.57	13	11
SMLHY_PTN	0.77	15.48	32	32
GHATGHAR	1.63	21.62	240	0
Total	5.32	90.30		
Wind				
Total	6.27	161.79	0	0
Total	6.27	161.79		
CPP				
APML(Mus)	58.05	1048.34	0	0
JSWEL(Mus)	17.87	326.17	0	0
VIPL(Mus)	11.97	224.77	0	0
RPLAMT(Mus)	5.83	115.65	0	0
WPCL(Mus)	2.70	59.43	0	0
Other(Mus)	9.17	214.05	0	0
Total	105.59	1988.41		
SOLAR				
Total	1.03	27.55	0	0
Total	1.03	27.55		
Tata				
Trombay 5	11.11	194.04	493	311
Trombay 6	2.17	9.50	158	0
Trombay 7A	2.32	46.74	118	62
Trombay 7B	1.48	30.66	68	50
Trombay 8	5.80	123.97	251	200
TATA Hydro	4.31	59.94	447	0
Total	27.19	464.85		
R-INFRA				
1-2	12.31	248.51	519	485
Total	12.31	248.51		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.80	2781.40
MSPGCL Thml+Gas	133.90	2987.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	21.01	262.34
MSPGCL Total	154.90	3249.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	12.92	140.69
State Total	307.29	6140.62

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 23/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 SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5114	161	432	5707	317	4171	0	4378	4744	-962	13977	41	14018	2230	16248	49.85
2	5148	141	430	5719	280	4248	0	4231	4286	-691	13842	36	13878	2053	15931	49.95
3	5142	140	435	5717	300	4294	0	4091	4336	-716	13931	36	13967	1928	15895	49.99
4	5108	141	437	5686	337	4288	0	4071	3933	-640	13604	36	13640	1855	15495	50.01
5	5109	154	438	5701	337	4302	0	4188	4272	-604	14008	36	14044	1817	15861	49.94
6	5218	294	440	5952	336	4342	0	4205	4412	-557	14485	40	14525	1888	16413	49.91
7	5317	710	446	6473	329	4406	3	4336	4391	-580	15022	81	15103	2010	17113	49.97
8	5317	1069	446	6832	318	4390	20	4609	4548	-675	15433	81	15514	2136	17650	49.99
9	5356	1169	433	6958	241	4438	56	4670	4648	-962	15379	79	15458	2487	17945	49.96
10	5265	1328	385	6978	161	4410	93	4903	5117	-1021	15738	53	15791	2810	18601	49.90
11	5292	1857	440	7589	163	4529	118	5087	5211	-1094	16516	43	16559	3089	19648	49.99
12	5334	1642	436	7412	182	4406	150	5264	5304	-1124	16330	47	16377	3134	19511	49.90
13	5420	1569	412	7401	118	4463	152	5227	5075	-1133	16076	48	16124	3152	19276	49.93
14	5420	1449	409	7278	78	4501	127	5113	5308	-1086	16206	35	16241	3045	19286	49.97
15	5410	1723	378	7511	87	4442	132	4992	4949	-1158	15963	27	15990	3095	19085	49.90
16	5142	1915	386	7443	112	4422	97	4938	5408	-1185	16297	26	16323	3121	19444	49.96
17	5042	1875	395	7312	155	4388	55	4703	4634	-1171	15373	32	15405	3085	18490	49.98
18	4983	821	405	6209	216	4354	23	4456	4150	-1151	13801	39	13840	3000	16840	50.06
19	4808	464	419	5691	212	4470	1	4099	4349	-1074	13649	26	13675	2868	16543	49.97
20	4921	881	422	6224	257	4472	0	4359	4872	-1085	14740	26	14766	2895	17661	49.92
21	4955	574	395	5924	439	4467	0	4335	4576	-1043	14363	26	14389	2798	17187	49.92
22	4966	330	404	5700	345	4483	0	4226	4285	-1006	13807	26	13833	2693	16526	49.95
23	4963	250	437	5650	490	4480	0	4146	4302	-942	13980	26	14006	2563	16569	49.84
24	5045	349	440	5834	456	4427	0	4169	4305	-904	14118	26	14144	2490	16634	49.95
MUs	123.79	21.01	10.10	154.90	6.27	105.59	1.03	108.80	111.42	-22.56	356.64	0.97	357.61	62.24	419.85	49.95

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 23/Mar/2015

Position as on 6.30 Hrs of 24/Mar/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	
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		Continued.	Boiler Tube Leakage	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
CENT.SECTOR	TARAPUR-3	540	18/03/2015	12.05		Continued.	Maintenance work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Handtripped due to ID Fan Problem.	
MSPGCL	Bhusawal Unit 5	500	20/03/2015	11.49		Continued.	BTL.	
TPC-G	Trombay 6	500	20/03/2015	23.16	23/03/2015	09.12	Economic shutdown	
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	Bhusawal Unit 3	210	23/03/2015	15.30		Continued.	BTL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 24/Mar/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							
Koradi-III - Tirora ckt-II	IntraState	23/03/2015	14.25	23/03/2015	16.27	T	Distance Protection
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	22/03/2015	16.45	23/03/2015	06.54	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/03/2015	17.49	23/03/2015	06.42	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	23/03/2015	12.54	23/03/2015	16.48	T	Distance Protection
Kolhapur Mapusa I	InterState	23/03/2015	16.35		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Nagothane - Dabhol-II	IntraState	06/03/2015	03.17	23/03/2015	11.36	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/03/2015	16.36	23/03/2015	08.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/03/2015	22.55	23/03/2015	06.26	HT	Over Voltage
Padghe - Nagothane - II	IntraState	23/03/2015	08.20	23/03/2015	20.53	PO	String Replacement Work.
karad -kolhapur-II	IntraState	23/03/2015	16.37		Continued.	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	23/03/2015	21.44	23/03/2015	22.10	PO	Functionality Checking From New Cr.
New Koyna - Koyna Stage IV-II	IntraState	23/03/2015	22.27	23/03/2015	22.38	PO	Functionality checking from new CR
Lonikand I - Koyna stage-IV	IntraState	23/03/2015	22.50	23/03/2015	22.58	PO	Functionnality Checking form NEW Cr.
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	16/02/2015	10:43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- I @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
Boisar Tarapur	InterState	23/03/2015	14.10	23/03/2015	19.53	PO	Annual 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)
Bableshwar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Virur - Gadchiroli	IntraState	22/03/2015	12.26	23/03/2015	00.52	T	Distance Protection
Trombay - Mulund	IntraState	23/03/2015	06.37	23/03/2015	10.20	PO	Cross ARM Painting Work.
Pedambe-Pophali	IntraState	23/03/2015	08.00	23/03/2015	16.55	PO	For bay R/M work.
New Koyna - Niwali	IntraState	23/03/2015	09.20	23/03/2015	18.54	PO	Replacement Of Damaged Conductor.
Dondaicha(220)-Amalner(220)	IntraState	23/03/2015	11.20	23/03/2015	17.40	PO	Tan Delta Measurment of CTs
Waluj - Chitegaon li	IntraState	23/03/2015	11.55	23/03/2015	14.12	PO	Y Phase Jaw replacement
Phursungi-Serum	IntraState	23/03/2015	16.44	23/03/2015	18.24	PO	Line Maintenance work
Theur-Jejuri	IntraState	23/03/2015	16.53	23/03/2015	18.15	PO	Line Maintenance work
Khadka-Chalisgaon-1	IntraState	23/03/2015	18.29	23/03/2015	20.32	PO	Tan Delta Measurment of CTs
Khadka-Chalisgaon-2	IntraState	23/03/2015	20.36	23/03/2015	22.42	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault

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 23/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Borivali							
132 KV LINE Outages/Trippings							
Yawal - Chopda	IntraState	23/03/2015	14.20	23/03/2015	15.00	T	Distance Protection
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 2	IntraState	23/03/2015	08.30	23/03/2015	11.36	PO	Jumper replacement Work.