

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Mar/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.060	2904.457	1) Gujrat	-1.105	-70.375
2) Hydro	23.292	285.630	2) Madhya Pradesh	17.690	365.096
3) Gas	10.124	215.899	3) Chattisgarh	5.440	117.100
Total MSPGCL	156.476	3405.986	4) Maharashtra Net	88.491	1925.496
B) 1) APML	58.290	1106.630	5) Goa	-5.825	-158.227
2) JSWEL	18.282	344.451	6) TAPS 1&2 Injection	3.632	87.882
3) VIPL	13.000	237.771	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.840	121.490	8) Pench (MS)	0.164	2.588
5) WPCL	2.672	62.099	9) Pench (Excess)	-0.164	-2.626
6) Other IPP	9.411	223.461	Total	108.159	2264.346
C) 1) TPCL Thermal	21.050	348.559	a) Mumbai Schedule	24.830	466.429
2) TPCL Hydro	3.790	63.726	b) Mumbai Drawl	21.137	493.944
3) TPCL Gas	3.809	81.215	c) MSEDCL Bilateral *	23.166	518.580
4) R-INFRA Thermal	12.229	260.740	Include PX	-0.153	-18.626
D) STATE			d) Mumbai Bilateral *	24.830	465.572
1) Thermal	263.834	5609.658	Include PX	1.442	10.978
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	27.082	349.356	H) ENERGY CATERED (MUs)		
3) Gas	13.933	297.114	1) MSEDCL	360.030	7473.256
4) Wind	7.908	169.699	2) Mumbai Discoms	62.010	1248.167
6) SOLAR	1.129	28.679	TOTAL STATE	422.040	8721.423
TOTAL STATE	313.886	6454.506			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5189	5190	5071	5133
MSPGCL Hydro	1470	1763	1025	135
MSPGCL Gas	413	415	325	438
MSPGCL Total Generation	7072	7368	6421	5706
Central Sector Receipt	5655	5353	4780	3374
WIND	415	113	48	601
CPP / IPP	4467	4509	4569	4433
SOLAR	133	136	0	0
Exchange with Mumbai	-1151	-1222	-1107	-406
MSEDCL DEMAND MET	16591	16257	14711	13708
Load Shedding	48	40	37	41
MSEDCL DEMAND	16639	16297	14748	13749
TPCL GENERATION	1433	1345	1255	1008
R-INFRA GENERATION	501	515	516	445
MUMBAI DEMAND	3085	3082	2903	1859
STATE DEMAND MET	19676	19339	17614	15567
STATE DEMAND	19724	19379	17651	15608
Frequency (Hz)	49.89	49.86	49.89	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.01 Hrs	49.63 Hz at 09.20 Hrs	49.91	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 24/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	4.07	91.46	180	156
Total	4.07	158.88		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	90.37	0	0
Unit 4	11.77	195.80	510	390
Unit 5	0.00	179.70	0	0
Total	11.77	465.87		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.42	76.16	155	132
Unit 5	3.51	69.19	155	140
Unit 6	4.72	110.93	250	178
Unit 7	4.96	97.68	250	191
Total	16.62	353.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.25	78.79	141	125
Unit 3	4.75	102.84	207	180
Unit 4	4.60	84.00	197	187
Unit 5	10.54	201.90	450	425
Unit 6	10.00	175.58	430	396
Unit 7	9.51	216.64	408	320
Total	42.65	859.75		
Paras				
Unit 3	5.28	108.88	232	196
Unit 4	0.00	18.35	0	0
Total	5.28	127.23		
Khaparkheda				
Unit 1	4.08	97.36	205	145
Unit 2	3.71	91.29	170	140
Unit 3	4.65	94.27	210	171
Unit 4	4.38	100.94	196	160
Unit 5	12.23	244.07	518	501
Total	29.06	627.94		
Nasik				
Unit 3	4.73	104.66	210	180
Unit 4	4.57	104.53	198	180
Unit 5	4.32	101.64	189	174
Total	13.62	310.83		
Uran				
All Units	10.12	215.90	442	325
Total	10.12	215.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	2.59	40	0
Total	0.16	2.59		
Koyna				
Stage 1-2	5.50	89.33	475	40
Stage 4	9.46	66.32	1062	0
Stage 3	3.03	34.38	240	0
Total	17.98	190.02		
Hydro				
KDPH	0.44	5.07	19	18
VTRNA	1.04	24.74	61	0
TILLARI	0.27	6.68	64	0
BHTGR/VEER	0.06	0.88	3	2
BHIRA T.R.	0.20	3.07	40	0
RNGR+BHTSA	0.31	7.11	14	13
BHANDARDRA	0.46	7.88	20	19
ELDARY	0.33	0.90	18	11
SMLHY_PTN	0.74	16.22	31	30
GHATGHAR	1.44	23.06	240	0
Total	5.31	95.61		
Wind				
Total	7.91	169.70	0	0
Total	7.91	169.70		
CPP				
APML(Mus)	58.29	1106.63	0	0
JSWEL(Mus)	18.28	344.45	0	0
VIPL(Mus)	13.00	237.77	0	0
RPLAMT(Mus)	5.84	121.49	0	0
WPCL(Mus)	2.67	62.10	0	0
Other(Mus)	9.41	223.46	0	0
Total	107.50	2095.90		
SOLAR				
Total	1.13	28.68	0	0
Total	1.13	28.68		
Tata				
Trombay 5	11.64	205.68	495	396
Trombay 6	3.49	12.99	147	145
Trombay 7A	2.33	49.07	115	69
Trombay 7B	1.48	32.15	68	53
Trombay 8	5.91	129.88	251	216
TATA Hydro	3.79	63.73	447	0
Total	28.65	493.50		
R-INFRA				
1-2	12.23	260.74	520	432
Total	12.23	260.74		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	123.06	2904.46
MSPGCL Thml+Gas	133.18	3120.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	23.29	285.63
MSPGCL Total	156.48	3405.99

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.96	155.64
State Total	313.89	6454.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Mar/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	5118	326	438	5882	545	4416	0	4231	4353	-785	14411	56	14467	2310	16777	49.83
2	5126	146	438	5710	518	4455	0	4003	4089	-515	14257	41	14298	2074	16372	49.92
3	5164	135	438	5737	594	4470	0	3845	3659	-326	14134	41	14175	1911	16086	49.96
4	5133	135	438	5706	601	4433	0	3825	3374	-406	13708	41	13749	1859	15608	49.94
5	5059	141	440	5640	661	4285	0	3942	3988	-479	14095	41	14136	1837	15973	49.88
6	5113	225	440	5778	584	4433	0	3967	4273	-388	14680	44	14724	1907	16631	49.86
7	5200	817	442	6459	630	4416	3	4197	4054	-492	15070	90	15160	2040	17200	49.94
8	5188	864	433	6485	563	4457	24	4273	4815	-592	15752	90	15842	2192	18034	49.94
9	5205	1398	433	7036	396	4453	61	4323	4474	-850	15570	88	15658	2513	18171	49.94
10	5220	1782	423	7425	344	4546	107	4539	4453	-960	15915	58	15973	2773	18746	49.81
11	5189	1470	413	7072	415	4467	133	4807	5655	-1151	16591	48	16639	3085	19724	49.89
12	5159	1564	420	7143	423	4530	156	4984	5147	-1131	16268	50	16318	3147	19465	49.86
13	5246	1524	415	7185	283	4530	162	4797	5066	-1158	16068	52	16120	3156	19276	49.92
14	5216	1392	419	7027	209	4463	147	4752	5168	-1191	15823	47	15870	3066	18936	49.90
15	5190	1763	415	7368	113	4509	136	4618	5353	-1222	16257	40	16297	3082	19379	49.86
16	5106	2072	414	7592	96	4507	106	4595	4999	-1203	16097	37	16134	3079	19213	49.90
17	5043	2078	418	7539	108	4418	61	4423	4567	-1181	15512	43	15555	3059	18614	49.90
18	5052	885	419	6356	99	4606	32	4240	4313	-1117	14289	47	14336	2994	17330	49.99
19	5022	593	418	6033	73	4476	1	3997	4224	-1124	13683	34	13717	2888	16605	49.91
20	5071	1025	325	6421	48	4569	0	4328	4780	-1107	14711	37	14748	2903	17651	49.89
21	5082	1216	400	6698	78	4593	0	4256	4287	-1061	14595	37	14632	2740	17372	49.97
22	5116	620	429	6165	108	4550	0	4120	4315	-958	14180	39	14219	2644	16863	49.97
23	5062	356	428	5846	194	4440	0	4109	4440	-869	14051	39	14090	2469	16559	49.89
24	4979	765	428	6172	225	4473	0	4129	4314	-871	14313	39	14352	2451	16803	49.93
MUs	123.06	23.29	10.12	156.47	7.91	107.50	1.13	103.30	108.16	-21.14	360.03	1.18	361.21	62.18	423.39	49.91

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 24/Mar/2015

Position as on 6.30 Hrs of 25/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.	
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 24/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 25/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa I	InterState	23/03/2015	16.35		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	24/03/2015	13.18	24/03/2015	17.50	T	Distance Protection
Dhule Sar'Sarovar I	InterState	24/03/2015	18.15		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	23/03/2015	16.37	24/03/2015	08.58	HT	Over Voltage
Chandrapur II- Warora ckt II	IntraState	24/03/2015	15.28	24/03/2015	18.30	PO	Testing of Tie-Bay CB
karad -kolhapur-II	IntraState	24/03/2015	17.01		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/03/2015	22.00		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	16/02/2015	10:43	24/03/2015	17.50	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- I @Warora	IntraState	16/02/2015	18.56	24/03/2015	17.48	PO	Attending Oil Leakage
400/220kv 315 Mva Ict 1 @Karad	IntraState	24/03/2015	09.55	24/03/2015	18.52	PO	Replacement work
400/220/33 Kv 315 Mva Ict 1 @Akola	IntraState	24/03/2015	16.06	24/03/2015	19.02	T	Differential protection
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
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)
Babhleshwar -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).
New Koyna - Pophali-2	IntraState	24/03/2015	09.10	24/03/2015	19.14	PO	Annual Maintenance Work
Karad(400kv) -Nigade	IntraState	24/03/2015	10.15	24/03/2015	12.10	PO	line signature analysis test
Uran - Apta IV	IntraState	24/03/2015	12.13	24/03/2015	21.07	PO	Relay Testing Work
Nagothane - ACCIL	IntraState	24/03/2015	13.05	24/03/2015	15.21	T	Distance Protection
Karad -Mudshingi Ckt- 4	IntraState	24/03/2015	15.15	24/03/2015	17.22	PO	signature analysis test
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132kv 100mva Ict 2 @Satara Midc	IntraState	24/03/2015	10.05	24/03/2015	18.05	PO	Quarterly Maintainance Work
220/100 Kv 200 Mva Bhel Ict 1 @Apta	IntraState	24/03/2015	11.00	24/03/2015	17.38	PO	Line Maintenance work

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