

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Mar/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.429	3142.484	1) Gujrat	-0.373	-72.605
2) Hydro	29.141	340.740	2) Madhya Pradesh	16.040	398.431
3) Gas	9.855	235.724	3) Chattisgarh	5.850	128.440
Total MSPGCL	155.425	3718.948	4) Maharashtra Net	103.837	2120.604
B) 1) APML	58.200	1223.110	5) Goa	-7.357	-172.516
2) JSWEL	18.950	381.080	6) TAPS 1&2 Injection	3.628	95.146
3) VIPL	13.064	263.937	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.900	133.210	8) Pench (MS)	0.000	2.647
5) WPCL	2.771	67.554	9) Pench (Excess)	0.000	-2.685
6) Other IPP	9.612	242.453	Total	121.625	2494.815
C) 1) TPCL Thermal	21.506	391.213	a) Mumbai Schedule	24.840	516.105
2) TPCL Hydro	4.256	72.000	b) Mumbai Drawl	24.650	540.957
3) TPCL Gas	4.175	89.411	c) MSEDCL Bilateral *	25.027	566.316
4) R-INFRA Thermal	12.391	285.501	Include PX	1.896	-16.842
D) STATE			d) Mumbai Bilateral *	24.840	515.248
1) Thermal	258.823	6130.542	Include PX	0.592	13.085
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	33.397	412.740	H) ENERGY CATERED (MUs)		
3) Gas	14.030	325.135	1) MSEDCL	366.180	8196.950
4) Wind	3.964	179.115	2) Mumbai Discoms	66.978	1379.065
6) SOLAR	1.319	31.038	TOTAL STATE	433.158	9576.015
TOTAL STATE	311.533	7078.570			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4997	5112	4487	4978
MSPGCL Hydro	2128	2141	1628	254
MSPGCL Gas	418	414	311	425
MSPGCL Total Generation	7543	7667	6426	5657
Central Sector Receipt	6015	5559	4509	4443
WIND	152	160	205	179
CPP / IPP	4520	4572	4621	4466
SOLAR	176	208	0	0
Exchange with Mumbai	-1331	-1276	-1242	-526
MSEDCL DEMAND MET	17075	16890	14519	14219
Load Shedding	53	55	38	47
MSEDCL DEMAND	17128	16945	14557	14266
TPCL GENERATION	1515	1557	1174	1042
R-INFRA GENERATION	503	511	519	519
MUMBAI DEMAND	3349	3344	2935	2087
STATE DEMAND MET	20424	20234	17454	16306
STATE DEMAND	20477	20289	17492	16353
Frequency (Hz)	49.89	49.92	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 17.03 Hrs	49.55 Hz at 13:35 Hrs	49.93	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 26/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	3.90	99.34	172	150
Total	3.90	166.76		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	90.37	0	0
Unit 4	12.07	219.77	510	475
Unit 5	0.01	179.72	10	0
Total	12.08	489.85		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.26	82.79	160	115
Unit 5	0.00	72.36	0	0
Unit 6	4.80	120.50	250	185
Unit 7	5.01	107.69	250	198
Total	13.07	383.34		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.20	85.28	140	120
Unit 3	4.72	112.43	205	185
Unit 4	4.65	93.22	196	190
Unit 5	7.38	219.59	445	0
Unit 6	10.15	195.74	436	404
Unit 7	9.69	235.62	422	364
Total	39.78	941.89		
Paras				
Unit 3	4.63	118.79	216	165
Unit 4	0.00	18.35	0	0
Total	4.63	137.15		
Khaparkheda				
Unit 1	4.42	105.74	200	170
Unit 2	3.91	99.05	175	140
Unit 3	4.54	102.77	205	173
Unit 4	4.62	110.02	199	188
Unit 5	11.92	267.96	506	475
Total	29.41	685.53		
Nasik				
Unit 3	4.73	114.16	205	165
Unit 4	4.56	113.58	202	175
Unit 5	4.27	110.22	185	170
Total	13.56	337.96		
Uran				
All Units	9.86	235.72	436	311
Total	9.86	235.72		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	2.65	0	0
Total	0.00	2.65		
Koyna				
Stage 1-2	7.26	103.56	525	40
Stage 4	12.80	90.33	1120	0
Stage 3	3.97	42.58	320	0
Total	24.02	236.47		
Hydro				
KDPH	0.44	5.96	19	18
VTRNA	1.28	26.06	61	0
TILLARI	0.33	7.22	64	0
BHTGR/VEER	0.06	1.01	3	2
BHIRA T.R.	0.20	3.54	40	0
RNGR+BHTSA	0.31	7.73	13	13
BHANDARDRA	0.54	8.90	23	22
ELDARY	0.39	1.69	17	15
SMLHY_PTN	0.74	17.78	31	31
GHATGHAR	0.81	24.38	125	0
Total	5.12	104.27		
Wind				
Total	3.96	179.12	0	0
Total	3.96	179.12		
CPP				
APML(Mus)	58.20	1223.11	0	0
JSWEL(Mus)	18.95	381.08	0	0
VIPL(Mus)	13.06	263.94	0	0
RPLAMT(Mus)	5.90	133.21	0	0
WPCL(Mus)	2.77	67.55	0	0
Other(Mus)	9.61	242.45	0	0
Total	108.50	2311.34		
SOLAR				
Total	1.32	31.04	0	0
Total	1.32	31.04		
Tata				
Trombay 5	11.75	229.11	493	467
Trombay 6	3.77	20.25	241	146
Trombay 7A	2.61	54.16	115	69
Trombay 7B	1.57	35.25	68	52
Trombay 8	5.99	141.85	252	246
TATA Hydro	4.26	72.00	447	0
Total	29.94	552.62		
R-INFRA				
1-2	12.39	285.50	520	502
Total	12.39	285.50		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	116.43	3142.48
MSPGCL Thml+Gas	126.28	3378.21

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	29.14	340.74
MSPGCL Total	155.42	3718.95

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	20.06	193.89
State Total	311.53	7078.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5024	953	427	6404	162	4469	0	4489	4573	-1055	14553	60	14613	2582	17195	49.90
2	5028	455	426	5909	149	4470	0	4387	4659	-751	14436	47	14483	2321	16804	49.92
3	5010	285	428	5723	136	4436	0	4374	4435	-561	14169	47	14216	2144	16360	49.91
4	4978	254	425	5657	179	4466	0	4381	4443	-526	14219	47	14266	2087	16353	49.97
5	4981	235	432	5648	144	4451	0	4382	4764	-462	14545	47	14592	2048	16640	49.93
6	4972	733	434	6139	115	4427	0	4386	4778	-522	14937	51	14988	2110	17098	49.93
7	4937	1522	436	6895	127	4474	5	4754	4644	-564	15581	98	15679	2163	17842	49.99
8	4948	1371	433	6752	100	4495	27	4952	5285	-673	15986	98	16084	2282	18366	50.01
9	4914	1375	426	6715	96	4519	77	5099	5411	-850	15968	96	16064	2528	18592	49.96
10	4942	1861	424	7227	133	4495	123	5373	5844	-1244	16578	66	16644	3005	19649	49.90
11	4921	1949	414	7284	162	4499	159	5635	6064	-1328	16840	55	16895	3277	20172	49.84
12	4997	2128	418	7543	152	4520	176	5780	6015	-1331	17075	53	17128	3349	20477	49.89
13	5112	2141	414	7667	160	4572	208	5632	5559	-1276	16890	55	16945	3344	20289	49.92
14	5104	2044	416	7564	134	4512	148	5253	5301	-1212	16447	45	16492	3253	19745	49.80
15	5100	2034	418	7552	131	4523	160	5285	5604	-1289	16681	39	16720	3336	20056	49.78
16	4988	2077	423	7488	139	4582	125	5471	5431	-1224	16541	35	16576	3342	19918	49.94
17	4909	1723	421	7053	299	4603	85	5247	5315	-1265	16090	42	16132	3304	19436	49.91
18	4545	610	423	5578	299	4513	25	4803	4461	-1243	13633	46	13679	3116	16795	50.04
19	4516	429	426	5371	279	4603	1	4599	4617	-1254	13617	35	13652	3036	16688	49.99
20	4501	1264	335	6100	152	4581	0	4551	4792	-1231	14394	38	14432	3044	17476	49.91
21	4487	1628	311	6426	205	4621	0	4524	4509	-1242	14519	38	14557	2935	17492	49.99
22	4486	962	341	5789	146	4553	0	4760	4810	-1190	14108	40	14148	2838	16986	50.06
23	4504	478	375	5357	151	4623	0	4849	5100	-1206	14025	40	14065	2795	16860	49.98
24	4525	630	429	5584	214	4490	0	4909	5211	-1151	14348	40	14388	2739	17127	49.96
MUs	116.43	29.14	9.85	155.42	3.96	108.50	1.32	117.87	121.62	-24.65	366.18	1.26	367.44	66.98	434.42	49.93

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 26/Mar/2015

Position as on 6.30 Hrs of 27/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	26/03/2015	23.52	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	27/03/2015	03.22	BTL.	
MSPGCL	Parli Unit 5	210	25/03/2015	22.22		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 11	80	26/03/2015	16.40	26/03/2015	17.30	Auxiliary supply failure	
MSPGCL	Koyna Unit 9	80	26/03/2015	16.40	26/03/2015	17.30	Auxiliary supply failure	
MSPGCL	Koyna Unit 10	80	26/03/2015	16.40	26/03/2015	17.30	Auxiliary supply failure	
MSPGCL	Koyna Unit 12	80	26/03/2015	16.40	26/03/2015	17.30	Auxiliary supply failure	
MSPGCL	Chandrapur Unit 5	500	26/03/2015	16.44		Continued.	Turbine Control Problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Mar/2015

Position as on 6.30 Hrs of 27/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana STG-IV Unit-4	250	26/03/2015	19.01	26/03/2015	21.30	While Converting on Generation Mode.	
MSPGCL	Uran Unit B0	120	26/03/2015	19.07		Continued.	Control Valve Problem.	
MSPGCL	Paras Unit 3	250	27/03/2015	05.45		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 27/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	26/03/2015	07.29	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	25/03/2015	21.38		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	26/03/2015	09.42	26/03/2015	17.00	T	Distance Protection
Kolhapur Mapusa II	InterState	26/03/2015	17.10		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
Bhusawal-Aurangabad	IntraState	26/03/2015	17.06	27/03/2015	06.26	T	Over Voltage
Jejuri- Koynastage-IV	IntraState	26/03/2015	17.21	26/03/2015	18.25	T	Distance Protection Y Ph Z-I.
Chandrapur-Parali III	IntraState	26/03/2015	17.34	26/03/2015	20.33	T	Distance Protection R Ph Z-I.
Girwali - Lonikand 1	IntraState	26/03/2015	18.08	26/03/2015	19.12	T	Distance Protection R Ph Z-I.
Babhaleshwar - Padghe-I	IntraState	26/03/2015	18.11	26/03/2015	19.40	T	Distance Protection R Ph Z-I.
Karad-Jaigad - I	IntraState	26/03/2015	20.02		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	27/03/2015	06.33		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	25/03/2015	10.56		Continued.	PO	LV side in shifted on TBC
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	26/03/2015	16.46	26/03/2015	17.58	T	Backup Protection R Ph Z-I.
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)
Bableshevar -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).
Kandalgaon - Pirangut	IntraState	25/03/2015	15.45	26/03/2015	02.00	HT	smoke in b-ph ct at khandelgaon
Pargaon(Kathapur)-Lonikand	IntraState	26/03/2015	00.09	26/03/2015	03.49	T	Distance Protection
Bableshevar- Alephata	IntraState	26/03/2015	05.21	26/03/2015	17.47	HT	to control ict loading at bblr
Bableshevar- Ranjangaon	IntraState	26/03/2015	06.18	26/03/2015	17.20	HT	to control ict loading at bblr
Hinjawadi I- Chinchwad	IntraState	26/03/2015	09.45	26/03/2015	17.02	HT	To Control Loading of Chinchwad-Urse line.
Kalmeshwar-Pandhurna	IntraState	26/03/2015	11.29	26/03/2015	15.15	PO	Maintenance Work.
Washala - Ghatghar	IntraState	26/03/2015	12.08	26/03/2015	15.00	PO	Y Ph. Bus Side Damaged Conductor Replacement Work.
Pedambe-Nerle	IntraState	26/03/2015	16.36	26/03/2015	18.38	T	Distance Protection R Y Ph.
Pophli Pedhmbe Line- 2	IntraState	26/03/2015	16.57		Continued.	T	Distance Protection (B Ph LA Burst).
Adlabs - Pedambe	IntraState	26/03/2015	17.00	26/03/2015	18.39	T	Distance Protection
Chalisingaon -Babhaleshwar	IntraState	26/03/2015	17.24	26/03/2015	19.58	PO	C T Tan Delta Test.
Pargaon(Kathapur)-Lonikand	IntraState	26/03/2015	18.15	26/03/2015	23.24	EO	For LA Replacement.
Dhule - Malegaon	IntraState	26/03/2015	18.38	27/03/2015	03.17	T	Distance Protection R Ph Z-I.
Bableshevar- Alephata	IntraState	26/03/2015	23.53		Continued.	HT	To Control Loading on ICT @ BBLSR.
Chalisingaon -Babhaleshwar	IntraState	26/03/2015	23.56		Continued.	HT	To Control Overload @ Khadka-Chalisingaon line.
New Koyna - Pedambe	IntraState	27/03/2015	02.04		Continued.	T	Distance Protection

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 26/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 27/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	26/03/2015	06.36	26/03/2015	17.03	PO	R.M.WORK
220/132 Kv 100 Mva Cgl Ict 2 @Ranjangaon	IntraState	26/03/2015	14.46	26/03/2015	19.02	PO	CT Tan Delta Test.
100 KV LINE Outages/Trippings							
Padghe - Bhiwandi 1	IntraState	25/03/2015	07.05	26/03/2015	03.40	T	Damage conductor work