

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Mar/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.083	2539.374	1) Gujrat	-2.487	-69.732
2) Hydro	22.744	219.249	2) Madhya Pradesh	17.463	310.405
3) Gas	7.721	187.642	3) Chattisgarh	5.450	101.670
Total MSPGCL	143.548	2946.265	4) Maharashtra Net	91.317	1661.741
B) 1) APML	53.350	933.560	5) Goa	-8.672	-137.985
2) JSWEL	17.789	290.810	6) TAPS 1&2 Injection	3.634	77.004
3) VIPL	11.659	200.510	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	7.450	104.300	8) Pench (MS)	0.183	2.103
5) WPCL	2.605	54.484	9) Pench (Excess)	-0.183	-2.141
6) Other IPP	9.966	195.594	Total	106.522	1940.962
C) 1) TPCL Thermal	17.025	291.587	a) Mumbai Schedule	20.711	399.193
2) TPCL Hydro	1.998	55.617	b) Mumbai Drawl	18.883	432.582
3) TPCL Gas	4.187	69.662	c) MSEDCL Bilateral *	25.559	448.363
4) R-INFRA Thermal	12.060	224.170	Include PX	0.000	-18.270
D) STATE			d) Mumbai Bilateral *	20.711	398.335
1) Thermal	244.987	4834.389	Include PX	0.596	8.516
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro	24.742	274.866	H) ENERGY CATERED (MUs)		
3) Gas	11.908	257.304	1) MSEDCL	339.346	6413.049
4) Wind	4.189	151.441	2) Mumbai Discoms	54.150	1073.605
6) SOLAR	1.151	25.602	TOTAL STATE	393.496	7486.654
TOTAL STATE	286.977	5543.602			

* 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 14 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4874	4928	4631	4607
MSPGCL Hydro	1552	1409	791	345
MSPGCL Gas	455	360	150	448
MSPGCL Total Generation	6881	6697	5572	5400
Central Sector Receipt	5044	5055	4169	4177
WIND	198	102	140	213
CPP / IPP	4244	4398	4543	3958
SOLAR	133	151	0	0
Exchange with Mumbai	-909	-910	-916	-628
MSEDCL DEMAND MET	15591	15493	13508	13120
Load Shedding	48	42	38	40
MSEDCL DEMAND	15639	15535	13546	13160
TPCL GENERATION	1090	1051	1124	714
R-INFRA GENERATION	517	519	518	379
MUMBAI DEMAND	2516	2490	2584	1721
STATE DEMAND MET	18107	17983	16092	14841
STATE DEMAND	18155	18025	16130	14881
Frequency (Hz)	49.90	49.87	49.81	49.83

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.57 Hz at 18.52 Hrs	49.87	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 21/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	4.06	80.14	180	155
Total	4.06	147.57		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.26	83.96	200	160
Unit 4	10.96	164.16	510	370
Unit 5	0.00	179.70	0	0
Total	15.22	427.82		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.24	66.30	158	120
Unit 5	3.59	58.64	163	143
Unit 6	4.82	96.81	250	184
Unit 7	4.69	83.18	250	181
Total	16.34	304.92		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.19	68.96	148	120
Unit 3	4.75	88.53	210	178
Unit 4	4.55	70.33	194	184
Unit 5	10.46	170.32	450	400
Unit 6	0.00	148.85	0	0
Unit 7	10.20	188.12	454	391
Total	33.16	735.12		
Paras				
Unit 3	2.79	94.87	211	87
Unit 4	0.00	18.35	0	0
Total	2.79	113.22		
Khaparkheda				
Unit 1	3.91	84.68	185	135
Unit 2	3.91	79.46	180	150
Unit 3	4.57	80.78	210	162
Unit 4	4.35	87.69	195	157
Unit 5	11.67	207.73	500	450
Total	28.41	540.33		
Nasik				
Unit 3	4.33	90.72	195	170
Unit 4	4.49	90.82	199	167
Unit 5	4.28	88.84	189	172
Total	13.10	270.39		
Uran				
All Units	7.72	187.64	465	147
Total	7.72	187.64		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.18	2.10	26	0
Total	0.18	2.10		
Koyna				
Stage 1-2	7.23	73.32	505	40
Stage 4	7.09	39.91	931	0
Stage 3	3.55	25.62	312	0
Total	17.87	138.85		
Hydro				
KDPH	0.45	3.74	19	18
VTRNA	1.14	21.62	61	0
TILLARI	0.36	5.79	63	0
BHTGR/VEER	0.08	0.71	4	3
BHIRA T.R.	0.16	2.64	80	0
RNGR+BHTSA	0.32	6.16	14	13
BHANDARDRA	0.46	6.40	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.87	13.85	37	36
GHATGHAR	1.04	19.49	240	0
Total	4.88	80.40		
Wind				
Total	4.19	151.44	0	0
Total	4.19	151.44		
CPP				
APML(Mus)	53.35	933.56	0	0
JSWEL(Mus)	17.79	290.81	0	0
VIPL(Mus)	11.66	200.51	0	0
RPLAMT(Mus)	7.45	104.30	0	0
WPCL(Mus)	2.60	54.48	0	0
Other(Mus)	9.97	195.59	0	0
Total	102.82	1779.26		
SOLAR				
Total	1.15	25.60	0	0
Total	1.15	25.60		
Tata				
Trombay 5	11.22	171.86	496	316
Trombay 6	0.00	7.33	0	0
Trombay 7A	2.61	42.00	124	69
Trombay 7B	1.58	27.66	72	54
Trombay 8	5.81	112.39	250	199
TATA Hydro	2.00	55.62	234	0
Total	23.21	416.87		
R-INFRA				
1-2	12.06	224.17	520	379
Total	12.06	224.17		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.08	2539.37
MSPGCL Thml+Gas	120.80	2727.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.74	219.25
MSPGCL Total	143.55	2946.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.32	113.24
State Total	286.98	5543.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4889	132	441	5462	261	4369	0	4337	4178	-735	13535	55	13590	2123	15713	49.89
2	4840	137	444	5421	201	4320	0	4245	3961	-541	13362	39	13401	1937	15338	49.94
3	4725	137	442	5304	181	4175	0	4221	4111	-556	13215	40	13255	1805	15060	49.95
4	4621	192	443	5256	180	4004	0	4220	4331	-631	13140	40	13180	1727	14907	49.94
5	4607	345	448	5400	213	3958	0	4220	4177	-628	13120	40	13160	1721	14881	49.83
6	4687	637	448	5772	291	4012	0	4322	4386	-479	13982	43	14025	1812	15837	49.84
7	4783	941	465	6189	320	4114	3	4425	4332	-475	14483	83	14566	1882	16448	49.84
8	4782	1056	465	6303	299	4123	24	4588	4765	-528	14986	83	15069	1941	17010	49.94
9	4839	1067	463	6369	303	4087	63	4639	4975	-667	15130	81	15211	2099	17310	49.93
10	4829	1413	456	6698	185	4279	108	4736	4512	-858	14924	58	14982	2341	17323	49.87
11	4874	1552	455	6881	198	4244	133	4868	5044	-909	15591	48	15639	2516	18155	49.90
12	4869	1921	436	7226	143	4257	163	4752	4662	-947	15504	46	15550	2570	18120	49.90
13	4965	1880	420	7265	101	4319	171	4773	4531	-1032	15355	46	15401	2588	17989	49.83
14	4928	1409	360	6697	102	4398	151	4688	5055	-910	15493	42	15535	2490	18025	49.87
15	4836	1506	151	6493	66	4434	140	4664	4870	-846	15157	37	15194	2502	17696	49.81
16	4694	1760	155	6609	46	4526	112	4604	4964	-823	15434	38	15472	2500	17972	49.77
17	4627	1499	155	6281	86	4435	65	4595	4513	-852	14528	44	14572	2463	17035	49.78
18	4446	750	156	5352	81	4390	18	4277	4096	-932	13005	45	13050	2438	15488	49.94
19	4428	458	147	5033	124	4377	0	4364	4205	-971	12768	37	12805	2463	15268	49.88
20	4631	791	150	5572	140	4543	0	4375	4169	-916	13508	38	13546	2584	16130	49.81
21	4641	708	150	5499	123	4522	0	4309	4255	-881	13518	38	13556	2535	16091	49.88
22	4529	683	151	5363	163	4428	0	4224	4338	-909	13383	39	13422	2484	15906	49.87
23	4540	641	150	5331	183	4377	0	4181	3922	-926	12887	39	12926	2425	15351	49.83
24	4474	1129	170	5773	199	4128	0	4177	4167	-931	13336	39	13375	2390	15765	49.88
MUs	113.08	22.74	7.72	143.55	4.19	102.82	1.15	106.80	106.52	-18.88	339.34	1.14	340.48	54.34	394.82	49.87

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 21/Mar/2015

Position as on 6.30 Hrs of 22/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	RPL(AMT) U-2	270	03/03/2015	23.23	21/03/2015	12.42	PA Fan problem	
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	Chandrapur Unit 6	500	18/03/2015	22.07	22/03/2015	04.31	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/03/2015	00		Continued.	Gas shortage	
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		Continued.	Economic shutdown	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28		Continued.	Turbine vibration high.	
IPP	WPCL U-3	135	22/03/2015	03.15	22/03/2015	06.05	Vibration problem.	
MSPGCL	Bhusawal Unit 4	500	22/03/2015	12.42	22/03/2015	17.33	Air heater B stopped.	
MSPGCL	Bhusawal Unit 3	210	22/03/2015	15.58	22/03/2015	19.20	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 22/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	20/03/2015	17.03	21/03/2015	08.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/03/2015	17.16	21/03/2015	08.32	HT	Over Voltage
Kolhapur Mapusa I	InterState	21/03/2015	17.52	22/03/2015	07.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/03/2015	18.21	22/03/2015	07.31	HT	Over Voltage
Kolhapur Mapusa II	InterState	22/03/2015	16.45		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/03/2015	17.49		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		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
Deepnagar Waluj 1	IntraState	20/03/2015	04.34	21/03/2015	03.52	T	Distance Protection
karad -kolhapur-I	IntraState	20/03/2015	16.36	21/03/2015	07.08	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/03/2015	18.02	21/03/2015	10.59	HT	Over Voltage
karad -kolhapur-II	IntraState	21/03/2015	16.07	22/03/2015	07.22	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/03/2015	16.33	22/03/2015	07.25	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	21/03/2015	16.57	21/03/2015	17.38	MT	While H/T Akola II-Nandgaon II.
Bhusawal-Aurangabad	IntraState	21/03/2015	17.37	22/03/2015	07.12	HT	Over Voltage
karad -kolhapur-I	IntraState	22/03/2015	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/03/2015	22.55		Continued.	HT	Over Voltage
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
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	16/03/2015	12.37	21/03/2015	17.00	PO	Breaker work Hv side on Tbc
400/220 Kv 600 Mva Ict-2 @Kalwa	IntraState	22/03/2015	09.48	22/03/2015	19.30	PO	Repl.of 22KV Tertiary PT and Testing work.
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)
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).
Uran - Ongc Uran	IntraState	20/03/2015	08.31	21/03/2015	00.43	PO	Routine Maintenance Work
Bableshwar- Alephata	IntraState	22/03/2015	06.46	22/03/2015	19.36	HT	Bableshwar ICT O/L.
Trombay Salsette 1 Backbay	IntraState	22/03/2015	08.14	22/03/2015	20.41	PO	Caution purpose for stringing work on S'set III.
Phursungi-Serum	IntraState	22/03/2015	09.00	22/03/2015	21.14	PO	Repl.of rusted E/W.
Theur-Jejuri	IntraState	22/03/2015	09.05	22/03/2015	21.07	PO	Repl.of rusted E/W.
Boisar Versova Line	IntraState	22/03/2015	09.06	22/03/2015	09.55	PO	Lilo arrangement for Viraj.
Dahanu Boisar Line	IntraState	22/03/2015	10.18	22/03/2015	11.20	PO	Lilo arrangement for Viraj.
Yeotmal- Pusad	IntraState	22/03/2015	10.25	22/03/2015	16.26	PO	For stringing of 220KV Ghatodi-Hingoli line.
Bhugaon-Pusad	IntraState	22/03/2015	10.25	22/03/2015	16.26	PO	For stringing of 220KV Ghatodi-

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 21/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Hingoli line.
Pohali-Nerle	IntraState	22/03/2015	11.15	22/03/2015	15.25	T	Distance Protection
Trombay - Mulund	IntraState	22/03/2015	12.25	22/03/2015	18.30	PO	Repl.of disc insulator.
Virur - Gadchiroli	IntraState	22/03/2015	12.26		Continued.	T	Distance Protection
Nagothane - ACCIL	IntraState	22/03/2015	16.26	22/03/2015	18.26	PO	Relay testing work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/132 Kv 150 Mva Gec Alstom Ict @Boisar-Ii	IntraState	21/03/2015	17.02	21/03/2015	17.52	PO	Bus Maint.work.
220/132kv 100 Mva Imp Ict 1 @Limbala Midc Hingoli	IntraState	22/03/2015	09.37	22/03/2015	10.55	T	OSR Indication.
220/132kv 100 Mva Imp Ict 2 @Limbala Midc Hingoli	IntraState	22/03/2015	09.37	22/03/2015	10.55	T	O/C Protection.
132 KV LINE Outages/Trippings							
Gondia-Amgaon li	IntraState	21/03/2015	10.10	21/03/2015	12.40	T	Distance Protection
Hinganghat-Ismt-Ckt 2	IntraState	21/03/2015	23.58	22/03/2015	12.58	T	Distance Protection
Bableshtar - Kopergaon	IntraState	22/03/2015	03.18	22/03/2015	06.16	T	Distance Protection
Kurunda - Hingoli	IntraState	22/03/2015	09.37	22/03/2015	10.55	T	Over Current Protection
Hingoli-Ii - Hingoli-I Ckt 2	IntraState	22/03/2015	09.37	22/03/2015	11.01	T	Over Current Protection
Hingoli-Ii - Hingoli-I Ckt 1	IntraState	22/03/2015	09.37	22/03/2015	11.01	T	Over Current Protection
Hingoli-Ii (220 Kv) - Elichpur	IntraState	22/03/2015	09.37	22/03/2015	18.49	T	Over Current Protection
Hingoli 2- Akhada Balapur	IntraState	22/03/2015	09.37	22/03/2015	11.20	T	Over Current Protection
110 KV LINE Outages/Trippings							
Kalyan Kalwa Salsette 2	IntraState	21/03/2015	09.28	21/03/2015	13.31	PO	Testing work by Tata.

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