

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Mar/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.952	216.662	1) Gujrat	-6.992	-10.642
2) Hydro	9.966	16.923	2) Madhya Pradesh	10.920	20.329
3) Gas	7.413	15.011	3) Chattisgarh	4.400	7.010
Total MSPGCL	127.331	248.596	4) Maharashtra Net	63.299	115.293
B) 1) APML	33.790	63.230	5) Goa	-6.211	-11.540
2) JSWEL	8.915	12.057	6) TAPS 1&2 Injection	3.798	7.571
3) VIPL	9.186	18.342	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.610	8.800	8) Pench (MS)	0.000	0.066
5) WPCL	2.655	5.187	9) Pench (Excess)	0.000	-0.066
6) Other IPP	6.508	14.154	Total	69.214	127.955
C) 1) TPCL Thermal	13.298	25.723	a) Mumbai Schedule	19.038	36.253
2) TPCL Hydro	2.414	2.644	b) Mumbai Drawl	19.885	34.767
3) TPCL Gas	2.553	5.312	c) MSEDCL Bilateral *	18.099	36.622
4) R-INFRA Thermal	9.653	18.867	Include PX	-0.587	0.880
D) STATE			d) Mumbai Bilateral *	19.038	36.253
1) Thermal	198.567	383.022	Include PX	0.076	-0.081
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.380	19.567	H) ENERGY CATERED (MUs)		
3) Gas	9.966	20.323	1) MSEDCL	259.451	494.429
4) Wind	15.957	29.065	2) Mumbai Discoms	47.805	87.314
6) SOLAR	1.170	1.744	TOTAL STATE	307.256	581.743
TOTAL STATE	238.040	453.721			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5017	4513	4586	4415
MSPGCL Hydro	465	177	1114	98
MSPGCL Gas	308	290	311	326
MSPGCL Total Generation	5790	4980	6011	4839
Central Sector Receipt	3384	3644	4173	1525
WIND	427	930	855	469
CPP / IPP	3109	2646	2756	2433
SOLAR	85	149	0	0
Exchange with Mumbai	-902	-1279	-1084	-251
MSEDCL DEMAND MET	11893	11070	12711	9015
Load Shedding	94	129	59	57
MSEDCL DEMAND	11987	11199	12770	9072
TPCL GENERATION	970	814	886	636
R-INFRA GENERATION	516	385	385	382
MUMBAI DEMAND	2388	2478	2355	1269
STATE DEMAND MET	14281	13548	15066	10284
STATE DEMAND	14375	13677	15125	10341
Frequency (Hz)	49.96	49.98	49.90	50.14

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.49 Hz at 01:22 Hrs	49.6 Hz at 18:44 Hrs	49.99	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 02/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.79	7.70	170	144
Unit 7	3.75	7.54	170	135
Total	7.54	15.24		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.91	7.74	170	155
Unit 4	0.00	1.51	0	0
Unit 5	9.30	18.00	500	360
Total	13.22	27.25		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.62	7.09	155	143
Unit 5	0.00	0.00	0	0
Unit 6	4.63	9.20	197	190
Unit 7	4.61	9.18	205	180
Total	12.87	25.47		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.18	6.52	139	109
Unit 3	4.09	8.17	205	156
Unit 4	4.06	6.16	188	150
Unit 5	0.00	0.00	0	0
Unit 6	8.90	17.52	430	350
Unit 7	8.84	17.48	419	339
Total	29.08	55.85		
Paras				
Unit 3	4.80	9.44	220	185
Unit 4	4.78	9.31	210	192
Total	9.58	18.75		
Khaparkheda				
Unit 1	3.64	7.50	165	135
Unit 2	3.66	7.25	165	145
Unit 3	4.36	8.54	204	167
Unit 4	4.07	8.10	183	159
Unit 5	9.29	18.01	460	138
Total	25.03	49.40		
Nasik				
Unit 3	4.28	8.33	190	160
Unit 4	4.20	8.24	189	152
Unit 5	4.17	8.12	192	157
Total	12.65	24.70		
Uran				
All Units	7.41	15.01	327	285
Total	7.41	15.01		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.07	0	0
Total	0.00	0.07		
Koyna				
Stage 1-2	3.74	5.32	535	40
Stage 4	1.13	1.13	411	0
Stage 3	1.03	1.73	200	0
Total	5.90	8.18		
Hydro				
KDPH	0.48	0.92	37	0
VTRNA	1.01	1.87	61	0
TILLARI	0.29	0.29	64	0
BHTGR/VEER	0.02	0.02	1	0
BHIRA T.R.	0.00	0.07	0	0
RNGR+BHTSA	0.31	0.64	14	0
BHANDARDRA	0.34	0.82	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	0.68	11	10
GHATGHAR	1.36	3.44	240	0
Total	4.06	8.74		
Wind				
Total	15.96	29.06	0	0
Total	15.96	29.06		
CPP				
APML(Mus)	33.79	63.23	0	0
JSWEL(Mus)	8.92	12.06	0	0
VIPL(Mus)	9.19	18.34	0	0
RPLAMT(Mus)	4.61	8.80	0	0
WPCL(Mus)	2.66	5.19	0	0
Other(Mus)	6.51	14.15	0	0
Total	65.66	121.77		
SOLAR				
Total	1.17	1.74	0	0
Total	1.17	1.74		
Tata				
Trombay 5	8.11	15.70	497	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	3.29	71	49
Trombay 7B	1.12	2.03	53	38
Trombay 8	5.19	10.02	252	199
TATA Hydro	2.41	2.64	226	0
Total	18.26	33.68		
R-INFRA				
1-2	9.65	18.87	518	382
Total	9.65	18.87		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.95	216.66
MSPGCL Thml+Gas	117.36	231.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.97	16.92
MSPGCL Total	127.33	248.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.88	6.45
State Total	238.04	453.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4432	115	326	4873	640	2324	0	1275	1679	-456	9060	87	9147	1480	10627	50.20
2	4426	98	327	4851	577	2460	0	1275	1645	-346	9187	57	9244	1364	10608	50.33
3	4436	113	327	4876	577	2408	0	1275	1738	-272	9327	57	9384	1291	10675	50.18
4	4415	98	326	4839	469	2433	0	1322	1525	-251	9015	57	9072	1269	10341	50.14
5	4430	109	315	4854	413	2455	0	1322	2111	-276	9557	59	9616	1296	10912	50.00
6	4453	405	312	5170	344	2482	0	1322	2127	-341	9782	68	9850	1423	11273	49.90
7	4491	1136	314	5941	304	2782	1	1521	2084	-540	10572	110	10682	1619	12301	49.86
8	4795	1234	315	6344	248	3088	15	2291	1929	-581	11043	110	11153	1816	12969	49.95
9	4958	601	310	5869	270	3146	48	3154	3515	-696	12152	105	12257	2091	14348	49.89
10	5017	465	308	5790	427	3109	85	3546	3384	-902	11893	94	11987	2388	14375	49.96
11	4809	286	300	5395	607	3050	109	4131	3547	-1133	11575	80	11655	2531	14186	50.04
12	4569	240	285	5094	896	2700	161	4205	3680	-1327	11204	70	11274	2532	13806	49.95
13	4513	177	290	4980	930	2646	149	3499	3644	-1279	11070	129	11199	2478	13677	49.98
14	4567	182	290	5039	1036	2601	152	3282	3210	-1193	10845	68	10913	2350	13263	50.00
15	4560	192	290	5042	989	2641	168	3451	3314	-1200	10954	67	11021	2353	13374	49.92
16	4549	182	301	5032	1024	2624	148	3668	3350	-1147	11031	66	11097	2348	13445	49.92
17	4614	177	297	5088	1015	2660	106	3484	3339	-1131	11077	73	11150	2342	13492	49.88
18	4581	495	301	5377	1067	2641	26	2765	2602	-1137	10576	73	10649	2321	12970	49.91
19	4605	789	304	5698	976	2648	2	2850	3266	-1019	11571	58	11629	2289	13918	49.89
20	4586	1114	311	6011	855	2756	0	3990	4173	-1084	12711	59	12770	2355	15125	49.90
21	4607	495	312	5414	764	2837	0	3908	4066	-1021	12060	59	12119	2246	14365	49.92
22	4595	902	316	5813	607	2924	0	3087	3185	-988	11541	59	11600	2078	13678	50.01
23	4596	238	318	5152	534	3100	0	3105	3050	-879	10957	59	11016	1866	12882	50.00
24	4348	123	318	4789	388	3149	0	2946	3051	-686	10691	59	10750	1677	12427	50.02
MUs	109.95	9.97	7.41	127.33	15.96	65.66	1.17	66.67	69.21	-19.88	259.45	1.78	261.23	47.80	309.04	49.99

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 02/Mar/2015

Position as on 6.30 Hrs of 03/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)	
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	RPL(AMT) U-1	270	27/01/2015	21.55		Continued.	Coal Shortage	
IPP	JSW (J) U1	300	03/02/2015	14:20		Continued.	PA Fan problem	
IPP	JSW (J) U3	300	03/02/2015	21:27		Continued.	Due to Unavailability of Load.	
MSPGCL	Uran Unit B0	120	11/02/2015	23.27		Continued.	Gas shortage	
MSPGCL	Koyana Unit 9	80	16/02/2015	08.15		Continued.	Annual Maintenance Work	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
CENT.SECTOR	TARAPUR 4	540	18/02/2015	06.54		Continued.	AVR Problem	
MSPGCL	Koyana STG- IV Unit - 1	250	20/02/2015	09.00		Continued.	Spherical valve servo motor maintance work	
IPP	WPCL U-3	135	21/02/2015	00.34		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/02/2015	13.32		Continued.	Gas shortage	
IPP	Adani U-5	660	26/02/2015	10.08		Continued.	Feed Water Comman PRV Leakage.	
MSPGCL	Chandrapur Unit 5	500	26/02/2015	21.39		Continued.	BTL.	
MSPGCL	Parli Unit 5	210	27/02/2015	10.58		Continued.	Generator Protection operated	
IPP	JSW (J) U2	300	01/03/2015	03.36	02/03/2015	05.44	Over Voltage.	
MSPGCL	Bhusawal Unit 4	500	01/03/2015	04.14		Continued.	Withdrawn	
MSPGCL	Khaparkheda Unit 5	500	02/03/2015	23.13		Continued.	Header pressure Low	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Mar/2015

Position as on 6.30 Hrs of 03/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 6	210	03/03/2015	05.50		Continued.	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 03/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							
Dabhol New koyna I	InterState	08/02/2015	18:18		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	13/02/2015	18:02		Continued.	T	Over Voltage
Lamboti - Solapur (PG)	InterState	01/03/2015	01.33	02/03/2015	07.48	T	Distance Protection
Dhule Sar'Sarovar II	InterState	01/03/2015	03.31		Continued.	T	Over Voltage
Kolhapur Mapusa II	InterState	01/03/2015	14.34	02/03/2015	09.33	HT	Over Voltage
Karad Solapur (PG)	InterState	01/03/2015	17.14	02/03/2015	08.54	T	Over Voltage
Chandrapur II - Dhariwal -I	InterState	02/03/2015	09.26	02/03/2015	17.21	PO	Repl of 89A Isolator defective ARM
Kolhapur Mapusa I	InterState	02/03/2015	17.11		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
New Koyna -Koyna Stage IV-I	IntraState	26/02/2015	10.49		Continued.	PO	Shifted on TBC.
Koradi-Bhusawal	IntraState	28/02/2015	08.15	02/03/2015	08.29	PO	CT tan delta and relay testing work.
karad -kolhapur-II	IntraState	28/02/2015	16.07		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/02/2015	16.35		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/03/2015	03.24	02/03/2015	09.07	T	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	01/03/2015	03.24		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/03/2015	21.29	02/03/2015	10.28	HT	Over Voltage
Chandrapur-Parali III	IntraState	01/03/2015	21.40	02/03/2015	06.49	T	Over Voltage
karad -kolhapur-I	IntraState	02/03/2015	00.07	02/03/2015	08.33	T	Over Voltage
Akola II - Taptitanda	IntraState	02/03/2015	01.16	02/03/2015	06.34	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	02/03/2015	01.16	02/03/2015	06.16	T	Over Voltage
Babhaleshwar - Padghe-II	IntraState	02/03/2015	01.16	02/03/2015	07.57	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	02/03/2015	02.22	02/03/2015	08.32	T	Over Voltage
Padghe - Nagothane - II	IntraState	02/03/2015	10.46	02/03/2015	23.22	PO	Repl of defective Insulator
Bhusawal-Aurangabad	IntraState	02/03/2015	18.18		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/03/2015	22.04		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	03/03/2015	02.10		Continued.	T	Tripped at padghe end only
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- 2 @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 500 MVA ICT 3 @Kolhapur	IntraState	28/02/2015	11.54		Continued.	PO	R-Ph unit replacement.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	02/03/2015	01.10	02/03/2015	18.18	T	On NDR.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	01/03/2015	20.19		Continued.	HT	To Control Bus Section Load @ Nasik GCR.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Butibori-Butibori Rly Tss	IntraState	18/02/2015	09:56		Continued.	PO	Erection of CB and CC, Dismantling of CB, Alignment of Line Isolator.
Magar Patta City- Serum	IntraState	23/02/2015	10.35		Continued.	HT	To control Lonikand ict loading
Kalwa Salsette 3	IntraState	24/02/2015	08.36		Continued.	PO	strengthening work
Uran - Kharghar 1	IntraState	27/02/2015	11.36		Continued.	PO	Tower height rising work.
Miraj - Ichalkaranji li	IntraState	28/02/2015	10.56		Continued.	HT	To control loading of ICT at Kolhapur.
Parli New Tps - Beed Ckt 1	IntraState	02/03/2015	10.02	02/03/2015	12.36	PO	To attend Hot Spot

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 02/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 03/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandge-Hamidwada	IntraState	02/03/2015	10.38	02/03/2015	15.04	PO	To attend Hot Spot
Oni Kharepatan Line	IntraState	02/03/2015	11.02	02/03/2015	14.16	PO	Tree cutting work
Balapur-Akola li	IntraState	02/03/2015	12.24	02/03/2015	16.20	PO	Tan Delta Measurment of CTs
Kalwa-Salsette-4	IntraState	02/03/2015	12.42	02/03/2015	20.40	PO	To attend Hot Spot
Talandge-Mudshingi Ckt-I	IntraState	02/03/2015	15.53	02/03/2015	19.06	PO	Repl.of String
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							
Parbhani-Gangakhed	IntraState	01/03/2015	21.30	02/03/2015	14.06	T	Distance Protection
Waghala -Nanded-I(Jangamwadi)	IntraState	01/03/2015	22.13	02/03/2015	11.32	T	Y Ph LA Burst.
Nanded - Kandhar	IntraState	02/03/2015	06.55	02/03/2015	17.28	T	Y Phase LA Burst at kandhar
Padegaon- Waluj 1	IntraState	02/03/2015	07.10	02/03/2015	07.20	T	Back Up Prot.operated

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