

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Mar/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.656	2426.291	1) Gujrat	-1.419	-67.245
2) Hydro	22.344	196.505	2) Madhya Pradesh	18.191	292.942
3) Gas	10.664	179.921	3) Chattisgarh	5.530	96.220
Total MSPGCL	145.664	2802.717	4) Maharashtra Net	87.739	1570.424
B) 1) APMIL	54.310	880.210	5) Goa	-7.197	-129.313
2) JSWEL	16.997	273.021	6) TAPS 1&2 Injection	3.649	73.370
3) VIPL	11.269	188.851	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	2.400	96.850	8) Pench (MS)	0.263	1.920
5) WPCL	2.667	51.879	9) Pench (Excess)	-0.263	-1.958
6) Other IPP	9.374	185.628	Total	106.230	1834.440
C) 1) TPCL Thermal	18.875	274.562	a) Mumbai Schedule	20.758	378.482
2) TPCL Hydro	3.015	53.619	b) Mumbai Drawl	21.652	413.699
3) TPCL Gas	3.752	65.475	c) MSEDCL Bilateral *	19.805	422.804
4) R-INFRA Thermal	11.442	212.110	Include PX	-0.824	-18.270
D) STATE			d) Mumbai Bilateral *	20.758	377.624
1) Thermal	239.990	4589.402	Include PX	0.712	7.920
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.858
2) Hydro (A2+C2)	25.359	250.124	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.416	245.396	1) MSEDCL	333.826	6073.520
4) Wind	5.420	147.252	2) Mumbai Discoms	58.738	1019.455
6) SOLAR	1.147	24.451	TOTAL STATE	392.564	7092.975
TOTAL STATE	286.332	5256.625			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5167	4922	4741	4248
MSPGCL Hydro	1534	1614	955	109
MSPGCL Gas	424	428	446	461
MSPGCL Total Generation	7125	6964	6142	4818
Central Sector Receipt	4891	4997	4325	4098
WIND	220	134	204	357
CPP / IPP	4184	4157	4052	3836
SOLAR	155	156	0	0
Exchange with Mumbai	-1097	-1133	-982	-558
MSEDCL DEMAND MET	15478	15275	13741	12551
Load Shedding	47	47	37	41
MSEDCL DEMAND	15525	15322	13778	12592
TPCL GENERATION	1410	1369	1281	767
R-INFRA GENERATION	518	519	519	380
MUMBAI DEMAND	3025	3021	2832	1705
STATE DEMAND MET	18503	18296	16573	14256
STATE DEMAND	18550	18343	16610	14297
Frequency (Hz)	49.84	49.94	49.84	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.02 Hrs	49.49 Hz at 05.51 Hrs	49.89	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 20/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.18	67.42	165	0
Unit 7	4.24	76.09	185	167
Total	4.42	143.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	79.70	195	155
Unit 4	10.42	153.20	500	365
Unit 5	4.92	179.70	500	0
Total	19.50	412.60		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.66	63.06	163	143
Unit 5	3.63	55.05	160	146
Unit 6	4.78	91.99	250	185
Unit 7	4.77	78.49	250	184
Total	16.84	288.58		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.27	65.77	142	126
Unit 3	4.58	83.78	207	174
Unit 4	1.69	65.78	192	0
Unit 5	10.05	159.86	443	380
Unit 6	0.00	148.85	0	0
Unit 7	9.67	177.92	456	332
Total	29.26	701.96		
Paras				
Unit 3	2.57	92.08	210	0
Unit 4	0.00	18.35	0	0
Total	2.57	110.43		
Khaparkheda				
Unit 1	4.30	80.76	190	160
Unit 2	3.95	75.55	180	145
Unit 3	2.96	76.21	215	0
Unit 4	4.24	83.34	199	152
Unit 5	11.41	196.05	500	410
Total	26.86	511.92		
Nasik				
Unit 3	4.44	86.40	195	175
Unit 4	4.48	86.33	200	176
Unit 5	4.26	84.56	190	170
Total	13.19	257.29		
Uran				
All Units	10.66	179.92	466	399
Total	10.66	179.92		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.26	1.92	51	0
Total	0.26	1.92		
Koyna				
Stage 1-2	6.12	66.10	520	40
Stage 4	8.81	32.82	848	0
Stage 3	3.09	22.07	240	0
Total	18.02	120.98		
Hydro				
KDPH	0.30	3.29	19	0
VTRNA	0.83	20.48	61	0
TILLARI	0.38	5.42	63	0
BHTGR/VEER	0.06	0.63	3	2
BHIRA T.R.	0.16	2.48	80	0
RNGR+BHTSA	0.32	5.84	14	13
BHANDARDRA	0.52	5.94	42	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	12.98	38	37
GHATGHAR	0.86	18.45	125	0
Total	4.32	75.52		
Wind				
Total	5.42	147.25	0	0
Total	5.42	147.25		
CPP				
APML(Mus)	54.31	880.21	0	0
JSWEL(Mus)	17.00	273.02	0	0
VIPL(Mus)	11.27	188.85	0	0
RPLAMT(Mus)	2.40	96.85	0	0
WPCL(Mus)	2.67	51.88	0	0
Other(Mus)	9.37	185.63	0	0
Total	97.02	1676.44		
SOLAR				
Total	1.15	24.45	0	0
Total	1.15	24.45		
Tata				
Trombay 5	9.88	160.65	496	290
Trombay 6	3.42	7.33	151	0
Trombay 7A	2.28	39.39	120	69
Trombay 7B	1.48	26.08	70	53
Trombay 8	5.57	106.59	251	199
TATA Hydro	3.02	53.62	378	0
Total	25.64	393.66		
R-INFRA				
1-2	11.44	212.11	519	378
Total	11.44	212.11		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.66	2426.29
MSPGCL Thml+Gas	123.32	2606.21

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	22.34	196.50
MSPGCL Total	145.66	2802.72

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	14.93	98.92
State Total	286.33	5256.62

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 20/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	4488	673	461	5622	302	3789	0	4342	4282	-902	13093	55	13148	2044	15192	49.95
2	4288	279	462	5029	365	3792	0	4118	4256	-722	12720	41	12761	1868	14629	49.97
3	4261	162	463	4886	309	3863	0	4073	4184	-620	12622	41	12663	1766	14429	49.96
4	4248	109	461	4818	357	3836	0	4091	4098	-558	12551	41	12592	1705	14297	49.93
5	4234	399	464	5097	342	3868	0	4063	4219	-555	12971	41	13012	1700	14712	49.79
6	4234	914	462	5610	349	3940	0	4063	4438	-636	13701	43	13744	1784	15528	49.81
7	4396	1529	466	6391	317	3983	3	4353	4099	-677	14116	89	14205	1938	16143	49.86
8	4733	1592	466	6791	297	4115	22	4461	4499	-629	15095	89	15184	2058	17242	50.00
9	4776	1388	456	6620	288	4142	59	4585	4699	-823	14985	87	15072	2378	17450	49.97
10	4895	1502	399	6796	222	4146	107	4722	4848	-902	15217	54	15271	2675	17946	49.81
11	4993	1540	422	6955	210	4169	140	4872	4981	-1158	15297	43	15340	2991	18331	49.89
12	5167	1534	424	7125	220	4184	155	4834	4891	-1097	15478	47	15525	3025	18550	49.84
13	4922	1614	428	6964	134	4157	156	4747	4997	-1133	15275	47	15322	3021	18343	49.94
14	4933	1403	431	6767	83	4151	165	4644	4712	-1036	14842	40	14882	2883	17765	49.96
15	4983	1321	431	6735	50	4132	137	4662	4952	-1076	14930	33	14963	2926	17889	49.84
16	4780	1666	426	6872	26	4183	111	4675	4648	-1077	14763	35	14798	2938	17736	49.78
17	4731	1225	428	6384	65	4120	68	4628	4613	-1070	14180	36	14216	2921	17137	49.82
18	4718	393	433	5544	98	4060	24	4143	4133	-1127	12732	50	12782	2856	15638	49.90
19	4704	351	431	5486	171	3974	0	4216	4101	-1034	12698	33	12731	2776	15507	49.89
20	4741	955	446	6142	204	4052	0	4411	4325	-982	13741	37	13778	2832	16610	49.84
21	4764	596	443	5803	227	4021	0	4362	4346	-956	13441	37	13478	2674	16152	49.78
22	4791	646	454	5891	223	4115	0	3964	4052	-1111	13170	38	13208	2521	15729	49.86
23	4938	352	454	5744	256	4109	0	3821	3844	-907	13046	38	13084	2402	15486	49.91
24	4938	201	453	5592	305	4116	0	3904	4011	-864	13160	38	13198	2317	15515	49.94
MUs	112.66	22.34	10.66	145.66	5.42	97.02	1.15	104.75	106.23	-21.65	333.82	1.13	334.96	59.00	393.96	49.89

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 20/Mar/2015

Position as on 6.30 Hrs of 21/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		Continued.	PA Fan problem	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	16/03/2015	20.33	20/03/2015	10.20	Low forward power relay optd.	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/03/2015	00		Continued.	Gas shortage	
MSPGCL	Khaparkheda Unit 3	210	19/03/2015	19.13	20/03/2015	08.13	Flame Failure	
MSPGCL	Paras Unit 3	250	19/03/2015	21.48	20/03/2015	10.36	Flame Failure	
IPP	RPL(AMT) U-1	270	19/03/2015	22.44	20/03/2015	00.58	Turbine Vibration	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 21/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							
Dhule Sar'Sarovar II	InterState	19/03/2015	21.01	20/03/2015	08.34	HT	Over Voltage
Kolhapur Mapusa II	InterState	19/03/2015	21.04	20/03/2015	08.57	HT	Over Voltage
Kolhapur Mapusa I	InterState	20/03/2015	17.03		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/03/2015	17.16		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
karad -kolhapur-II	IntraState	19/03/2015	16.54	20/03/2015	07.02	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/03/2015	17.15	20/03/2015	05.09	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/03/2015	17.57	20/03/2015	08.26	HT	Over Voltage
Deepnagar Waluj 1	IntraState	20/03/2015	04.34	21/03/2015	03.52	T	Distance Protection
Main Bus-II @ Akola	IntraState	20/03/2015	08.51	20/03/2015	21.29	PO	Testing of Bus-bar
Chandrapur-Parali 2	IntraState	20/03/2015	10.37	20/03/2015	18.55	PO	Testing Work
karad -kolhapur-I	IntraState	20/03/2015	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	20/03/2015	18.02		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		Continued.	PO	Breaker work Hv side on Tbc
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	20/03/2015	09.14	20/03/2015	22.20	PO	Routine Maintenance 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
Boisar Tarapur	InterState	20/03/2015	08.17	20/03/2015	19.41	PO	Routine 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)
Bableshtar -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).
Trombay - Mulund	IntraState	20/03/2015	06.46	20/03/2015	09.40	PO	Cross Arm Painting Work.
Uran - Ongc Uran	IntraState	20/03/2015	08.31	21/03/2015	00.43	PO	Routine Maintenance Work
Padghe - Vasai-Ii Line	IntraState	20/03/2015	09.53	20/03/2015	17.07	PO	Attending Hot Spot
Gorai MSETCL Borivali Line-1	IntraState	20/03/2015	09.55	20/03/2015	10.50	PO	Checking of SF6 Density in CB.
Lonand-Baramati	IntraState	20/03/2015	09.55	20/03/2015	19.10	PO	Insulator Replacement Work
Bapgaon - Kalwa	IntraState	20/03/2015	10.02	20/03/2015	17.53	PO	Insulator Replacement Work
Padghe - Kamba	IntraState	20/03/2015	11.12	20/03/2015	16.31	PO	Attending Hot Spot
Siemens - Mahape	IntraState	20/03/2015	15.24	20/03/2015	17.08	PO	Distance 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

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