

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	87.296	1483.789	1) Gujrat	-2.885	-46.000
2) Hydro	6.989	110.059	2) Madhya Pradesh	11.231	164.376
3) Gas	10.996	149.702	3) Chattisgarh	8.060	97.680
Total MSPGCL	105.281	1743.550	4) Maharashtra Net	97.583	1311.984
B) 1) APML	65.176	911.557	5) Goa (Amona)	-0.530	-10.170
2) JSWEL	27.025	383.301	6) TAPS 1&2 Injection	3.658	54.677
3) VIPL	12.378	182.682	7) RGPPL Injection	11.616	171.021
4) RPL(AMT)	20.729	244.856	8) Pench (MS)	0.066	2.150
5) WPCL	4.835	59.766	9) Pench (Excess)	-0.066	-2.150
6) Other IPP	8.557	125.885	Total	128.667	1741.418
C) 1) TPCL Thermal	15.361	197.748	a) Mumbai Schedule	21.720	300.813
2) TPCL Hydro	3.154	48.455	b) Mumbai Drawl	23.417	363.500
3) TPCL Gas	4.329	62.456	c) MSEDCL Bilateral *	31.035	453.416
4) R-INFRA Thermal	10.593	165.819	Include PX	-1.681	-16.452
D) STATE			d) Mumbai Bilateral *	21.720	300.813
1) Thermal	251.950	3755.403	Include PX	3.744	41.285
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.143	158.514	H) ENERGY CATERED (MUs)		
3) Gas	15.325	212.158	1) MSEDCL	357.091	5175.028
4) Wind	6.488	126.092	2) Mumbai Discoms	56.854	837.965
6) SOLAR	1.372	19.421	TOTAL STATE	413.945	6012.993
TOTAL STATE	285.278	4271.588			

* 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	4062	4129	3709	3469
MSPGCL Hydro	767	680	445	244
MSPGCL Gas	441	445	460	464
MSPGCL Total Generation	5270	5254	4614	4177
Central Sector Receipt	5939	5945	5660	4638
WIND	61	92	391	194
CPP / IPP	6121	6053	5659	5516
SOLAR	191	191	0	0
Exchange with Mumbai	-1212	-1200	-1211	-547
MSEDCL DEMAND MET	16370	16335	15113	13978
Load Shedding	4	4	4	4
MSEDCL DEMAND	16374	16339	15117	13982
TPCL GENERATION	1211	1202	1065	699
R-INFRA GENERATION	511	516	405	403
MUMBAI DEMAND	2934	2918	2681	1649
STATE DEMAND MET	19304	19253	17794	15627
STATE DEMAND	19308	19257	17798	15631
Frequency (Hz)	49.96	49.93	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18:03 Hrs	49.72 Hz at 00:08 Hrs	49.96	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 15/Mar/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	4.01	0	0
Unit 8	0.00	79.53	0	0
Total	0.00	83.54		
Bhusawal				
Unit 2	4.12	42.34	190	160
Unit 3	4.09	51.22	180	160
Unit 4	10.16	18.90	500	350
Unit 5	10.14	136.52	500	350
Total	28.52	248.97		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	59.48	0	0
Unit 4	4.41	64.02	198	160
Unit 5	10.63	149.80	490	360
Unit 6	0.00	40.63	0	0
Unit 7	7.48	140.45	440	0
Total	22.51	454.38		
Paras				
Unit 3	5.50	66.91	258	200
Unit 4	5.75	45.38	250	197
Total	11.24	112.29		
Khaparkheda				
Unit 1	0.00	54.77	170	150
Unit 2	4.00	60.36	180	160
Unit 3	4.10	48.90	192	160
Unit 4	4.16	63.31	202	160
Unit 5	0.30	146.97	250	0
Total	12.56	374.31		
Nasik				
Unit 3	0.00	43.98	0	0
Unit 4	4.20	60.79	190	158
Unit 5	4.24	58.69	199	158
Total	8.44	163.46		
Uran				
All Units	11.00	149.70	478	432
Total	11.00	149.70		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.07	2.15	35	0
Total	0.07	2.15		
Koyna				
Stage 1-2	2.28	45.23	315	40
Stage 4	1.35	20.99	204	0
Stage 3	0.81	13.26	80	0
Total	4.45	79.47		
Hydro				
KDPH	0.80	6.15	34	33
VTRNA	0.00	0.00	0	0
TILLARI	0.24	2.08	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.09	40	0
RNGR+BHTSA	0.00	2.80	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.98	13.67	41	41
GHATGHAR	0.36	2.80	125	0
Total	2.54	30.58		
Wind				
Total	6.49	126.09	0	0
Total	6.49	126.09		
CPP				
APML(Mus)	65.18	911.56	0	0
JSWEL(Mus)	27.02	383.30	0	0
VIPL(Mus)	12.38	182.68	0	0
RPLAMT(Mus)	20.73	244.86	0	0
WPCL(Mus)	4.84	59.77	0	0
Other(Mus)	8.56	125.88	0	0
Total	138.70	1908.05		
SOLAR				
Total	1.37	19.42	0	0
Total	1.37	19.42		
Tata				
Trombay 5	9.82	140.42	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	39.01	118	111
Trombay 7B	1.60	23.45	68	66
Trombay 8	5.54	57.33	248	201
TATA Hydro	3.15	48.46	302	0
Total	22.84	308.66		
R-INFRA				
1-2	10.59	165.82	518	402
Total	10.59	165.82		

Infirm Power	Chandrapur 8	0.00	Koradi 9	4.03
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	87.30	1483.79
MSPGCL Thml+Gas	98.29	1633.49

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.99	110.06
MSPGCL Total	105.28	1743.55

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.63	66.22
State Total	285.28	4271.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Mar/2016

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	3309	294	473	4076	218	5509	0	5213	5291	-792	14302	4	14306	1949	16255	49.91
2	3204	169	465	3838	190	5516	0	5001	5289	-695	14138	4	14142	1799	15941	49.97
3	3280	139	475	3894	184	5512	0	4801	5045	-605	14030	4	14034	1706	15740	49.99
4	3469	244	464	4177	194	5516	0	4676	4638	-547	13978	4	13982	1649	15631	49.98
5	3526	134	466	4126	262	5528	0	5024	4794	-551	14159	4	14163	1653	15816	49.99
6	3752	149	478	4379	310	5530	0	5136	5258	-645	14832	4	14836	1750	16586	49.97
7	3538	209	478	4225	199	5775	0	5327	5372	-639	14932	4	14936	1896	16832	49.96
8	3892	625	468	4985	128	5989	18	5399	5575	-613	16082	4	16086	2045	18131	49.95
9	3933	502	459	4894	128	6115	77	5597	5799	-844	16169	4	16173	2336	18509	49.93
10	3881	468	454	4803	150	6211	126	5856	5962	-1031	16221	4	16225	2683	18908	49.93
11	3978	628	456	5062	65	6277	144	5923	5843	-1197	16194	4	16198	2893	19091	49.95
12	4062	767	441	5270	61	6121	191	5919	5939	-1212	16370	4	16374	2934	19308	49.96
13	4129	680	445	5254	92	6053	191	5811	5945	-1200	16335	4	16339	2918	19257	49.93
14	4219	281	460	4960	245	6048	198	5693	5488	-1137	15802	4	15806	2772	18578	49.97
15	4185	204	432	4821	418	5860	161	5732	5473	-1218	15515	4	15519	2798	18317	49.90
16	4138	121	453	4712	501	5754	142	5737	5620	-1272	15457	4	15461	2798	18259	49.95
17	4153	114	458	4725	514	5744	93	5446	5346	-1218	15204	4	15208	2795	18003	49.94
18	4205	134	432	4771	499	5659	28	4255	4495	-1099	14353	4	14357	2718	17075	50.01
19	4003	174	453	4630	462	5600	3	4449	4407	-1092	14010	4	14014	2664	16678	50.01
20	3709	445	460	4614	391	5659	0	5528	5660	-1211	15113	4	15117	2681	17798	49.96
21	3795	158	452	4405	349	5736	0	5531	5577	-1146	14921	4	14925	2580	17505	49.95
22	3662	120	453	4235	308	5662	0	5364	5247	-1289	14163	4	14167	2434	16601	49.99
23	3573	115	460	4148	319	5618	0	5368	5466	-1130	14421	4	14425	2264	16689	49.94
24	3586	115	461	4162	301	5706	0	5238	5138	-1034	14273	4	14277	2139	16416	49.95
MUs	91.18	6.99	11.00	109.17	6.49	138.70	1.37	128.02	128.67	-23.42	360.98	0.10	361.07	56.85	417.93	49.96

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 15/Mar/2016

Position as on 6.30 Hrs of 16/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 5	500	15/03/2016	01.12		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
RGPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14	15/03/2016	06.43	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17	15/03/2016	08.02	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evecuation Problem.	
MSPGCL	Koyna Unit 9	80	10/03/2016	14.55		Continued.	GT buchhloz Alaram problem	
MSPGCL	Nasik Unit 3	210	11/03/2016	12.32	16/03/2016	02.15	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Mar/2016

Position as on 6.30 Hrs of 16/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
MSPGCL	Chandrapur Unit 3	210	14/03/2016	13.32		Continued.	Suspected Boiler Tube Leakage.	
MSPGCL	Chandrapur Unit 7	500	14/03/2016	17.14	15/03/2016	04.24	Aux.Board Tripped.	
MSPGCL	Koradi Unit 9	660	14/03/2016	19.35	15/03/2016	00.34	Metal Temp.High.	
MSPGCL	Koradi Unit 9	660	15/03/2016	06.54	15/03/2016	10.10	Coal Mill Tripped.	
IPP	RPL(AMT) U-4	270	15/03/2016	11.25	15/03/2016	18.12	Oil Leakage from NPT.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 15/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 16/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Tripping							
Dhule Sar'Sarovar I	InterState	12/03/2016	17.44	15/03/2016	06.17	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/03/2016	16.47	15/03/2016	06.05	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/03/2016	17.16	16/03/2016	06.49	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/03/2016	17.25	16/03/2016	06.08	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
karad -kolhapur-I	IntraState	14/03/2016	16.03	15/03/2016	08.53	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/03/2016	16.05	15/03/2016	08.55	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/03/2016	17.29		Continued.	HT	Over Voltage
Bableshtar- Aurangabad (Waluj)	IntraState	15/03/2016	08.23	15/03/2016	19.18	PO	Servicing & Overhauling of 89C PGI.
karad -kolhapur-II	IntraState	15/03/2016	16.32		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	15/03/2016	09.33	15/03/2016	17.13	PO	Relay Testing Work.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	15/03/2016	10.03	15/03/2016	17.10	PO	P.M.Work & Testing Work.
220 KV LINE Outages/Tripping							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Chinchwad-Hinjewadi I	IntraState	14/03/2016	20.09	15/03/2016	05.27	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	14/03/2016	20.19	15/03/2016	05.17	PO	Tower Erection Work.
Telco- Chinchwad	IntraState	14/03/2016	20.21	15/03/2016	05.18	HT	For Chinchwad Outage.
Flagship-Nandedcity	IntraState	15/03/2016	05.26	15/03/2016	20.18	HT	For Chinchwad Outage.
TBC @ Deepnagar	IntraState	15/03/2016	09.04	15/03/2016	11.58	PO	Measurment of Tan Delta of CT.
Karad - Vita Ckt- II	IntraState	15/03/2016	10.37	15/03/2016	12.55	EO	Attending Hot Spot on Y & B Phase CT.
Karad - Vita Ckt- I	IntraState	15/03/2016	13.01	15/03/2016	14.29	EO	Attending Hot Spot on Y & B Phase CT.
Chinchwad-Hinjewadi I	IntraState	15/03/2016	20.10	16/03/2016	02.52	HT	For Chinchwad Outage.
Chakan-Chinchwad	IntraState	15/03/2016	20.25	16/03/2016	02.50	PO	M/C Tower Erection Work.
Telco- Chinchwad	IntraState	15/03/2016	20.28	16/03/2016	02.52	PO	M/C Tower Erection Work.
220 KV ICT Outages/Tripping							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	15/03/2016	10.54	15/03/2016	17.08	PO	P.M.Work.

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