

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Feb/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.015	1376.267	1) Gujrat	-5.173	-39.772
2) Hydro	4.406	75.779	2) Madhya Pradesh	9.300	99.586
3) Gas	11.009	124.498	3) Chattisgarh	5.380	61.370
Total MSPGCL	130.430	1576.544	4) Maharashtra Net	62.497	947.374
B) 1) APLM	58.486	795.624	5) Goa (Amona)	-0.448	-6.232
2) JSWEL	25.260	317.134	6) TAPS 1&2 Injection	3.708	41.450
3) VIPL	6.117	135.721	7) RGPPL Injection	11.700	152.842
4) RPL(AMT)	22.939	287.663	8) Pench (MS)	0.614	5.605
5) WPCL	4.721	58.994	9) Pench (Excess)	-0.614	-5.541
6) Other IPP	9.386	122.556	Total	86.350	1251.077
C) 1) TPCL Thermal	8.217	101.001	a) Mumbai Schedule	11.968	220.100
2) TPCL Hydro	3.310	51.629	b) Mumbai Drawl	20.088	295.059
3) TPCL Gas	4.349	48.520	c) MSEDCL Bilateral *	27.545	371.538
4) R-INFRA Thermal	9.676	136.270	Include PX	-5.513	-46.775
D) STATE			d) Mumbai Bilateral *	11.968	220.100
1) Thermal	259.817	3331.230	Include PX	-0.043	10.105
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.716	127.408	H) ENERGY CATERED (MUs)		
3) Gas	15.358	173.018	1) MSEDCL	331.969	4360.249
4) Wind	7.032	93.535	2) Mumbai Discoms	45.639	632.475
6) SOLAR	1.336	16.460	TOTAL STATE	377.608	4992.724
TOTAL STATE	291.259	3741.651			

* 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 2 Hrs
MSPGCL Thermal	5275	4742	4723	4549
MSPGCL Hydro	302	122	115	232
MSPGCL Gas	456	440	451	469
MSPGCL Total Generation	6033	5304	5289	5250
Central Sector Receipt	4589	4906	4879	1718
WIND	34	82	414	566
CPP / IPP	5774	5406	5054	5273
SOLAR	125	196	0	0
Exchange with Mumbai	-922	-962	-1107	-535
MSEDCL DEMAND MET	15633	14932	14529	12272
Load Shedding	7	7	5	4
MSEDCL DEMAND	15640	14939	14534	12276
TPCL GENERATION	849	948	758	498
R-INFRA GENERATION	402	403	403	403
MUMBAI DEMAND	2173	2313	2268	1436
STATE DEMAND MET	17806	17245	16797	13708
STATE DEMAND	17813	17252	16802	13712
Frequency (Hz)	49.99	49.96	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.84 Hz at 23.05 Hrs	49.98	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 13/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.63	47.50	160	145
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.71	47.40	610	400
Total	15.34	94.90		
Bhusawal				
Unit 2	4.08	52.84	175	165
Unit 3	3.64	41.42	175	0
Unit 4	8.86	117.04	380	360
Unit 5	0.00	90.73	0	0
Total	16.58	302.03		
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	4.19	54.36	195	154
Unit 4	4.22	53.66	198	167
Unit 5	9.13	119.55	460	360
Unit 6	9.59	124.05	420	390
Unit 7	9.02	65.97	448	352
Total	36.15	417.59		
Paras				
Unit 3	5.22	59.52	251	185
Unit 4	5.25	65.58	256	190
Total	10.47	125.10		
Khaparkheda				
Unit 1	3.82	45.64	165	155
Unit 2	3.82	46.68	165	145
Unit 3	3.88	31.71	164	160
Unit 4	3.87	49.55	163	159
Unit 5	9.39	127.84	500	365
Total	24.78	301.42		
Nasik				
Unit 3	3.94	31.17	165	160
Unit 4	3.87	52.65	167	156
Unit 5	3.89	51.41	169	155
Total	11.70	135.23		
Uran				
All Units	11.01	124.50	488	430
Total	11.01	124.50		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.61	5.60	49	0
Total	0.61	5.60		
Koyna				
Stage 1-2	1.87	24.98	260	40
Stage 4	0.00	2.86	0	0
Stage 3	0.74	7.02	218	0
Total	2.61	34.86		
Hydro				
KDPH	0.20	5.27	18	0
VTRNA	0.00	0.28	0	0
TILLARI	0.20	1.15	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	3.34	40	0
RNGR+BHTSA	0.26	3.36	12	11
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	8.42	19	18
GHATGHAR	0.53	14.21	125	0
Total	1.80	40.92		
Wind				
Total	7.03	93.54	0	0
Total	7.03	93.54		
CPP				
APML(Mus)	58.49	795.62	0	0
JSWEL(Mus)	25.26	317.13	0	0
VIPL(Mus)	6.12	135.72	0	0
RPLAMT(Mus)	22.94	287.66	0	0
WPCL(Mus)	4.72	58.99	0	0
Other(Mus)	9.39	122.56	0	0
Total	126.91	1717.69		
SOLAR				
Total	1.34	16.46	0	0
Total	1.34	16.46		
Tata				
Trombay 5	8.22	65.23	492	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	29.69	115	113
Trombay 7B	1.60	18.83	67	66
Trombay 8	0.00	35.77	0	0
TATA Hydro	3.31	51.63	331	57
Total	15.88	201.15		
R-INFRA				
1-2	9.68	136.27	406	401
Total	9.68	136.27		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	115.02	1376.27
MSPGCL Thml+Gas	126.02	1500.76

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.41	75.78
MSPGCL Total	130.43	1576.54

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.87	27.84
State Total	291.26	3741.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Feb/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	4545	192	467	5204	678	5202	0	1752	2262	-675	12671	5	12676	1572	14248	49.97
2	4549	232	469	5250	566	5273	0	1620	1718	-535	12272	4	12276	1436	13712	49.97
3	4615	127	467	5209	497	5489	0	1727	1817	-456	12556	4	12560	1355	13915	50.01
4	4662	102	469	5233	407	5482	0	2185	1716	-423	12415	4	12419	1323	13742	50.01
5	4694	87	488	5269	394	5287	0	2780	2021	-436	12535	4	12539	1336	13875	50.00
6	4698	92	468	5258	404	5113	0	3115	3001	-539	13237	7	13244	1440	14684	49.98
7	4808	97	470	5375	249	5376	0	4033	3741	-682	14059	7	14066	1580	15646	49.99
8	5133	87	470	5690	121	5654	13	4843	4492	-721	15249	7	15256	1678	16934	50.00
9	5271	208	481	5960	69	5750	61	4945	4865	-882	15823	7	15830	1907	17737	49.96
10	5275	302	456	6033	34	5774	125	4945	4589	-922	15633	7	15640	2173	17813	49.99
11	5303	207	461	5971	31	5799	155	4963	4486	-1011	15431	7	15438	2322	17760	50.00
12	5030	176	451	5657	35	5718	178	4969	4366	-984	14970	7	14977	2328	17305	49.99
13	4742	122	440	5304	82	5406	196	4966	4906	-962	14932	7	14939	2313	17252	49.96
14	4727	94	447	5268	149	5241	192	4863	4503	-901	14452	8	14460	2168	16628	49.99
15	4741	99	447	5287	191	5198	171	4320	4475	-1057	14265	5	14270	2157	16427	49.96
16	4725	597	450	5772	247	4978	127	4195	4502	-1026	14600	5	14605	2139	16744	49.97
17	4731	578	452	5761	253	4988	87	4051	4130	-977	14242	5	14247	2122	16369	49.96
18	4738	193	430	5361	309	5322	29	3256	3090	-1004	13107	5	13112	2124	15236	49.98
19	4715	85	459	5259	440	5307	2	3922	3642	-1038	13612	5	13617	2157	15774	50.00
20	4723	115	451	5289	414	5054	0	4393	4879	-1107	14529	5	14534	2268	16802	49.98
21	4735	299	454	5488	435	5034	0	3719	3824	-1034	13747	5	13752	2149	15901	49.96
22	4685	169	454	5308	378	5023	0	3126	3142	-950	12901	5	12906	2024	14930	50.02
23	4583	70	448	5101	343	4808	0	3093	3096	-955	12393	5	12398	1859	14257	49.98
24	4587	76	460	5123	306	4631	0	3016	3087	-811	12336	5	12341	1710	14051	49.97
MUs	115.0 2	4.41	11.01	130.43	7.03	126.91	1.34	88.80	86.35	-20.09	331.97	0.14	332.10	45.64	377.74	49.98

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 13/Feb/2016

Position as on 6.30 Hrs of 14/Feb/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		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 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	
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	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12		Continued.	MSEDCL Zero Shedule.	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
MSPGCL	Bhusawal Unit 3	210	10/02/2016	10.31	13/02/2016	01:03	Boiler Tube Leakage	
CPP	WPCL U-4	135	10/02/2016	21.46		Continued.	ESP Maintenance Work.	
MSPGCL	Bhusawal Unit 5	500	10/02/2016	23.55	14/02/2016	07.48	MSEDCL Zero Shedule.	
IPP	VIPL U-2	300	13/02/2016	04:59		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	13/02/2016	15.47		Continued.	P A Outlet Duct Leakage Below.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	14/02/2016	18.34		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 14/Feb/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/Trippings							
Talegaon PG-Aurangabad-I	InterState	12/02/2016	12:41	13/02/2016	18.41	EO	Replacement of HCB Isolator Clamp Connector.
Dhule Sar'Sarovar I	InterState	12/02/2016	16:46	13/02/2016	06:04	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	12/02/2016	16:50	13/02/2016	06:16	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/02/2016	18.02	14/02/2016	12.04	T	Over Voltage
Dhule Sar'Sarovar I	InterState	14/02/2016	13.17		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	14/02/2016	16.44		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Chandrapur II - Chandrapur ckt 2	IntraState	09/02/2016	15.30		Continued.	PO	CKT on TBC.Main Breaker o/h work.
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
N.Koyna-Karad -Ckt II	IntraState	12/02/2016	06.08	13/02/2016	08.52	T	Distance Protection
N.Koyna-Karad -Ckt I	IntraState	12/02/2016	06:50	13/02/2016	09.31	T	Distance Protection
karad -kolhapur-II	IntraState	12/02/2016	07:08	13/02/2016	09.19	T	Distance Protection
Aurangabad - Aurangabad(PG) I	IntraState	12/02/2016	12:58	13/02/2016	18.14	PO	Isolator Maintance Work.
Chandrapur-Parali III	IntraState	13/02/2016	08.23	13/02/2016	19.26	PO	Fixing & Replacement of Spacer Cum Vibration Damper.
karad -kolhapur-I	IntraState	13/02/2016	16.05	14/02/2016	09.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/02/2016	16.24		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/02/2016	22.05	14/02/2016	10.01	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	14/02/2016	09.10		Continued.	PO	OPGW Work.
Chandrapur-II - Nanded	IntraState	14/02/2016	10.39		Continued.	PO	E/W Stringing Work.
karad -kolhapur-II	IntraState	14/02/2016	13.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/02/2016	16.49		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	14/02/2016	08.24	14/02/2016	10.33	EO	Attending Hot Spot on LV Bushing.
220 KV LINE Outages/Trippings							
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
Hinjawadi I- Chinchwad	IntraState	12/02/2016	10.17	13/02/2016	22.57	HT	Outage of C'wad-Telco for Load Control.
Telco- Chinchwad	IntraState	12/02/2016	10:20	13/02/2016	22.52	PO	CB Overhauling Work.
Dondaicha- Shahada	IntraState	13/02/2016	08.15	13/02/2016	18.00	PO	Replacement of R Ph Dammaged Conductor.
Padghe - Nalasopara	IntraState	13/02/2016	12.44	13/02/2016	12.50	PO	To Avail Bus Outage @ Padgha.
Karad(400kv) - Wathar	IntraState	13/02/2016	15.54	13/02/2016	23.45	T	Distance Protection,Y Ph Conductor Snapped.

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 13/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Butibori-Sunvijay	IntraState	13/02/2016	16.40	14/02/2016	06.40	T	Backup Prot.O/C E/F B Ph(Tension String Broken @ Butibori S/S).
Padghe - Kamba	IntraState	14/02/2016	08.25	14/02/2016	20.32	PO	Multi ckt Tower Erection Work for Padgha-Vasai LILO Line.
220 KV ICT Outages/Trippings							
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)
220/132 Kv 200 MVA ICT I @Dhule	IntraState	13/02/2016	09.48	13/02/2016	12.56	PO	CT,CB & Other Testing Work.
220/132kv 200MVA ICT-I@ Tilawani	IntraState	13/02/2016	11.15	13/02/2016	12.09	PO	Diagnostic Testing.
220/132 Kv 100 Mva T&R Ict-2 @Bambhori	IntraState	13/02/2016	11.48	13/02/2016	15.52	PO	Oil Leakage Attending & R.M.Work.