

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Feb/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.093	1052.100	1) Gujrat	-3.021	-27.095
2) Hydro	5.395	62.571	2) Madhya Pradesh	6.436	72.005
3) Gas	10.846	91.512	3) Chattisgarh	4.690	45.630
Total MSPGCL	127.334	1206.183	4) Maharashtra Net	77.532	747.314
B) 1) APML	61.561	615.554	5) Goa (Amona)	-0.494	-4.818
2) JSWEL	25.371	244.036	6) TAPS 1&2 Injection	3.542	30.283
3) VIPL	10.825	107.719	7) RGPPL Injection	11.740	117.419
4) RPL(AMT)	19.763	230.339	8) Pench (MS)	0.068	3.720
5) WPCL	4.733	44.696	9) Pench (Excess)	-0.068	-3.656
6) Other IPP	9.024	95.043	Total	100.357	977.082
C) 1) TPCL Thermal	9.649	74.331	a) Mumbai Schedule	16.406	174.098
2) TPCL Hydro	4.756	40.845	b) Mumbai Drawl	21.717	229.772
3) TPCL Gas	4.031	36.029	c) MSEDCL Bilateral *	29.586	285.459
4) R-INFRA Thermal	10.309	106.036	Include PX	-3.552	-35.609
D) STATE			d) Mumbai Bilateral *	16.406	174.098
1) Thermal	262.328	2569.854	Include PX	-0.074	9.508
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.151	103.416	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.877	127.541	1) MSEDCL	345.750	3363.700
4) Wind	7.390	60.330	2) Mumbai Discoms	50.462	487.010
6) SOLAR	1.109	12.490	TOTAL STATE	396.212	3850.710
TOTAL STATE	295.855	2873.631			

* 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 5 Hrs
MSPGCL Thermal	5023	4844	4366	4602
MSPGCL Hydro	296	205	225	124
MSPGCL Gas	453	440	424	463
MSPGCL Total Generation	5772	5489	5015	5189
Central Sector Receipt	5074	4727	4779	2833
WIND	90	174	420	202
CPP / IPP	6306	5957	5197	5113
SOLAR	164	176	0	0
Exchange with Mumbai	-1035	-1047	-1123	-503
MSEDCL DEMAND MET	16371	15476	14288	12834
Load Shedding	8	8	5	5
MSEDCL DEMAND	16379	15484	14293	12839
TPCL GENERATION	1080	1042	986	475
R-INFRA GENERATION	514	501	401	404
MUMBAI DEMAND	2629	2590	2510	1382
STATE DEMAND MET	19000	18066	16798	14216
STATE DEMAND	19008	18074	16803	14221
Frequency (Hz)	50.02	50.00	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:02 Hrs	49.83 Hz at 09:20 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 10/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.63	36.79	160	140
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	26.29	0	0
Total	3.63	63.07		
Bhusawal				
Unit 2	4.10	40.54	175	165
Unit 3	1.66	37.78	165	0
Unit 4	8.77	89.64	375	355
Unit 5	8.77	90.73	380	282
Total	23.29	258.68		
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	4.18	41.78	204	163
Unit 4	4.20	41.12	196	163
Unit 5	9.34	91.94	480	355
Unit 6	9.62	95.45	420	381
Unit 7	9.21	38.77	463	342
Total	36.55	309.07		
Paras				
Unit 3	5.01	44.36	257	186
Unit 4	4.95	50.35	255	190
Total	9.96	94.71		
Khaparkheda				
Unit 1	3.71	34.22	165	125
Unit 2	3.86	35.02	165	150
Unit 3	3.92	19.80	164	161
Unit 4	3.86	37.70	163	157
Unit 5	10.11	99.11	510	363
Total	25.45	225.84		
Nasik				
Unit 3	4.12	18.86	205	160
Unit 4	4.04	40.60	190	155
Unit 5	4.06	41.27	196	137
Total	12.22	100.73		
Uran				
All Units	10.85	91.51	482	424
Total	10.85	91.51		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.07	3.72	25	0
Total	0.07	3.72		
Koyna				
Stage 1-2	1.88	20.60	335	40
Stage 4	0.00	2.32	0	0
Stage 3	0.50	5.75	152	0
Total	2.38	28.66		
Hydro				
KDPH	0.43	4.20	19	18
VTRNA	0.00	0.28	0	0
TILLARI	0.18	0.67	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	2.62	40	0
RNGR+BHTSA	0.27	2.56	12	11
BHANDARDRA	0.48	4.41	44	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	6.61	30	29
GHATGHAR	0.68	12.56	125	0
Total	3.02	33.91		
Wind				
Total	7.39	60.33	0	0
Total	7.39	60.33		
CPP				
APML(Mus)	61.56	615.55	0	0
JSWEL(Mus)	25.37	244.04	0	0
VIPL(Mus)	10.82	107.72	0	0
RPLAMT(Mus)	19.76	230.34	0	0
WPCL(Mus)	4.73	44.70	0	0
Other(Mus)	9.02	95.04	0	0
Total	131.28	1337.39		
SOLAR				
Total	1.11	12.49	0	0
Total	1.11	12.49		
Tata				
Trombay 5	9.65	38.56	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	21.87	115	87
Trombay 7B	1.53	14.16	67	58
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.76	40.84	423	0
Total	18.44	151.20		
R-INFRA				
1-2	10.31	106.04	517	400
Total	10.31	106.04		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
---------------------	--------------	------	----------	------

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.09	1052.10
MSPGCL Thml+Gas	121.94	1143.61

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.40	62.57
MSPGCL Total	127.33	1206.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.88	22.91
State Total	295.86	2873.63

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4576	116	461	5153	262	5129	0	2943	3316	-692	13168	5	13173	1572	14745	49.98
2	4593	116	458	5167	329	5103	0	2974	2833	-591	12841	5	12846	1467	14313	50.00
3	4590	110	460	5160	275	5117	0	2621	2924	-524	12952	5	12957	1401	14358	50.00
4	4596	109	461	5166	221	5115	0	2568	2855	-481	12876	5	12881	1359	14240	49.99
5	4602	124	463	5189	202	5113	0	2668	2833	-503	12834	5	12839	1382	14221	50.01
6	4587	109	463	5159	186	5123	0	3444	3734	-636	13566	8	13574	1515	15089	49.99
7	4793	174	460	5427	137	5480	0	4456	4543	-765	14822	8	14830	1697	16527	49.95
8	5072	565	461	6098	158	5701	7	4823	4957	-678	16243	8	16251	1912	18163	49.98
9	5164	643	482	6289	31	5953	47	4841	4961	-845	16436	8	16444	2237	18681	49.99
10	5215	458	457	6130	27	6279	100	4855	4801	-948	16389	8	16397	2489	18886	49.98
11	5092	349	462	5903	40	6309	146	4900	5001	-1073	16326	8	16334	2627	18961	50.01
12	5023	296	453	5772	90	6306	164	4927	5074	-1035	16371	8	16379	2629	19008	50.02
13	4844	205	440	5489	174	5957	176	4790	4727	-1047	15476	8	15484	2590	18074	50.00
14	4516	154	430	5100	292	5699	146	4858	5115	-1025	15327	8	15335	2462	17797	50.01
15	4500	154	440	5094	395	5623	139	4943	4902	-1049	15104	5	15109	2462	17571	49.99
16	4377	159	434	4970	491	5532	105	4887	4852	-1048	14902	5	14907	2452	17359	49.97
17	4369	149	428	4946	534	5416	61	4841	4630	-1056	14531	5	14536	2449	16985	49.89
18	4368	158	447	4973	615	5212	18	4224	4030	-1202	13646	5	13651	2416	16067	50.00
19	4380	206	448	5034	513	5199	0	4454	4505	-1133	14118	5	14123	2430	16553	50.01
20	4366	225	424	5015	420	5197	0	4723	4779	-1123	14288	5	14293	2510	16803	49.99
21	4389	401	457	5247	554	5211	0	4067	4367	-1136	14243	5	14248	2362	16610	50.01
22	4392	154	456	5002	566	5204	0	3711	3801	-1133	13440	5	13445	2175	15620	50.03
23	4406	138	445	4989	479	5180	0	3354	3375	-1056	12967	5	12972	2024	14996	50.01
24	4283	123	456	4862	399	5123	0	3269	3442	-938	12888	5	12893	1843	14736	50.04
MUs	111.09	5.39	10.85	127.33	7.39	131.28	1.11	98.14	100.36	-21.72	345.75	0.15	345.90	50.46	396.36	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 10/Feb/2016

Position as on 6.30 Hrs of 11/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	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Koyna Unit 1	75	08/02/2016	10.16		Continued.	Maintenance work	
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	
CPP	WPCL U-1	135	07/01/2016	02.00	10/02/2016	19.19	Withdrawn, changeover to Unit-4	
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.	
MSPGCL	Koradi Unit-8	660	03/02/2016	04.28		Continued.	Superheater Temp.High	
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.	
IPP	RPL(AMT) U-3	270	10/02/2016	00.02		Continued.	Bottom Ash problem	
MSPGCL	Bhusawal Unit 3	210	10/02/2016	10.31		Continued.	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		Continued.	MSEDCL Zero Shedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 11/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							
Kolhapur Solapur(PG) I	InterState	09/02/2016	17.37	10/02/2016	06.49	HT	Over Voltage
Padgha - Boisar (PG)	InterState	10/02/2016	15.37	10/02/2016	18.10	PO	REPLACEMENT OF LMU UNIT
Dhule Sar'Sarovar I	InterState	10/02/2016	16.11		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-I	IntraState	23/01/2016	07.21		Continued.	PO	Change Over.
Chandrapur II - Chandrapur ckt 2	IntraState	09/02/2016	15.30		Continued.	PO	CKT on TBC.Main Breaker o/h work.
karad -kolhapur-I	IntraState	09/02/2016	16.23	10/02/2016	09.26	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/02/2016	18.08	10/02/2016	07.01	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/02/2016	21.37		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/02/2016	10.36		Continued.	PO	Quarterly Maintanance Work RFC 15.30
karad -kolhapur-II	IntraState	10/02/2016	16.33		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/02/2016	17.08	11/02/2016	07.11	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	10/02/2016	10.39	10/02/2016	16.52	PO	Testing Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/02/2016	08.29	10/02/2016	14.19	PO	Insulator Replacement Work
Nasik Navsari II	InterState	10/02/2016	15.47	10/02/2016	20.37	PO	Insulator Replacement Work
Borivali - Tarapur	InterState	10/02/2016	23.27	11/02/2016	04.50	PO	CONNECTING BUS JUMPERS OF BOISER 2 FEEDER
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
Mumewadi -Halkarni I	IntraState	10/02/2016	08.10	10/02/2016	13.14	PO	LINE SIGNATURE ANANLYSIS
Uran - Kharghar I	IntraState	10/02/2016	10.12	10/02/2016	15.03	PO	Relay Testing Work
Karad - Vita Ckt- I	IntraState	10/02/2016	12.26	10/02/2016	18.19	PO	RETROFITTING OF NUMERICAL BACKUP PROTECTION REALY
Mumewadi -Halkarni II	IntraState	10/02/2016	13.19	10/02/2016	15.22	PO	LINE SIGNATURE ANANLYSIS TEST
Uran - Kharghar 2	IntraState	10/02/2016	15.20	10/02/2016	18.59	PO	Relay Testing Work
Halkarni-Mahalaxmiline	IntraState	10/02/2016	15.40	10/02/2016	17.34	PO	LINE SIGNATURE ANANLYSIS TEST
Lamboti-Vita	IntraState	10/02/2016	16.21	10/02/2016	18.42	PO	RECONNECTION OF JUMPERS AT LOC.NO 323
Talandge-Hamidwada	IntraState	10/02/2016	21.39	10/02/2016	21.50	T	Distance Protection
Tata Borivli MSETCL Borivli 4	IntraState	10/02/2016	22.39	11/02/2016	04.55	PO	CONECTING BUS JUMPERS OF BOISER 2 FEEDER
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)

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