

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Feb/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.879	714.777	1) Gujrat	-4.170	-18.730
2) Hydro	5.495	44.054	2) Madhya Pradesh	5.420	53.393
3) Gas	7.392	63.510	3) Chattisgarh	4.120	32.670
Total MSPGCL	120.766	822.341	4) Maharashtra Net	67.986	523.163
B) 1) APML	58.999	431.676	5) Goa (Amona)	-0.402	-3.378
2) JSWEL	23.563	167.981	6) TAPS 1&2 Injection	1.234	22.116
3) VIPL	10.407	75.690	7) RGPPL Injection	11.710	82.156
4) RPL(AMT)	23.231	167.416	8) Pench (MS)	0.056	3.222
5) WPCL	4.378	30.746	9) Pench (Excess)	-0.056	-3.158
6) Other IPP	9.226	66.990	Total	85.842	688.232
C) 1) TPCL Thermal	11.686	46.603	a) Mumbai Schedule	15.051	125.120
2) TPCL Hydro	0.000	26.789	b) Mumbai Drawl	15.549	166.418
3) TPCL Gas	3.067	23.633	c) MSEDCL Bilateral *	28.362	197.347
4) R-INFRA Thermal	9.871	75.143	Include PX	-3.264	-24.008
D) STATE			d) Mumbai Bilateral *	15.051	125.120
1) Thermal	259.240	1777.022	Include PX	-0.139	9.322
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.495	70.843	H) ENERGY CATERED (MUs)		
3) Gas	10.459	87.143	1) MSEDCL	328.605	2336.840
4) Wind	6.425	43.283	2) Mumbai Discoms	40.171	338.583
6) SOLAR	1.317	8.903	TOTAL STATE	368.776	2675.423
TOTAL STATE	282.936	1987.194			

* 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 3 Hrs
MSPGCL Thermal	4663	4641	4406	4472
MSPGCL Hydro	578	284	743	89
MSPGCL Gas	306	298	294	313
MSPGCL Total Generation	5547	5223	5443	4874
Central Sector Receipt	5005	4365	3882	1808
WIND	58	58	217	631
CPP / IPP	5793	5802	5326	5276
SOLAR	104	199	0	0
Exchange with Mumbai	-483	-587	-1064	-330
MSEDCL DEMAND MET	16024	15060	13804	12259
Load Shedding	7	7	5	4
MSEDCL DEMAND	16031	15067	13809	12263
TPCL GENERATION	796	900	492	625
R-INFRA GENERATION	490	405	401	400
MUMBAI DEMAND	1769	1892	1957	1355
STATE DEMAND MET	17793	16952	15761	13614
STATE DEMAND	17800	16959	15766	13618
Frequency (Hz)	49.99	49.98	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 21.59 Hrs	49.86 Hz at 22.07 Hrs	50	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 07/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.75	25.64	165	146
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	3.75	51.92		
Bhusawal				
Unit 2	4.06	28.32	175	160
Unit 3	3.97	28.00	175	155
Unit 4	8.80	63.10	375	360
Unit 5	8.84	64.10	380	360
Total	25.68	183.50		
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	4.09	29.27	194	163
Unit 4	4.06	28.76	177	165
Unit 5	8.86	64.18	430	360
Unit 6	9.39	66.56	405	375
Unit 7	8.39	11.13	370	325
Total	34.80	199.90		
Paras				
Unit 3	4.82	29.59	242	182
Unit 4	4.93	35.33	258	188
Total	9.74	64.93		
Khaparkheda				
Unit 1	3.70	22.90	160	130
Unit 2	3.86	23.41	165	155
Unit 3	1.48	9.55	166	0
Unit 4	3.83	26.12	165	155
Unit 5	9.38	69.13	500	362
Total	22.25	151.10		
Nasik				
Unit 3	3.92	6.28	165	160
Unit 4	3.85	28.28	164	147
Unit 5	3.89	28.86	168	157
Total	11.66	63.43		
Uran				
All Units	7.39	63.51	329	294
Total	7.39	63.51		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	3.22	13	0
Total	0.06	3.22		
Koyna				
Stage 1-2	2.02	14.38	350	40
Stage 4	0.19	1.90	119	0
Stage 3	0.31	4.25	150	0
Total	2.52	20.52		
Hydro				
KDPH	0.00	2.27	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.00	0.49	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	1.99	40	0
RNGR+BHTSA	0.25	1.79	11	10
BHANDARDRA	0.49	2.96	42	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.73	4.35	31	30
GHATGHAR	1.33	9.41	250	0
Total	2.98	23.54		
Wind				
Total	6.42	43.28	0	0
Total	6.42	43.28		
CPP				
APML(Mus)	59.00	431.68	0	0
JSWEL(Mus)	23.56	167.98	0	0
VIPL(Mus)	10.41	75.69	0	0
RPLAMT(Mus)	23.23	167.42	0	0
WPCL(Mus)	4.38	30.75	0	0
Other(Mus)	9.23	66.99	0	0
Total	129.80	940.50		
SOLAR				
Total	1.32	8.90	0	0
Total	1.32	8.90		
Tata				
Trombay 5	8.21	10.83	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.80	14.13	115	59
Trombay 7B	1.27	9.50	68	46
Trombay 8	3.48	35.77	244	0
TATA Hydro	0.00	26.79	0	0
Total	14.75	97.02		
R-INFRA				
1-2	9.87	75.14	515	397
Total	9.87	75.14		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	107.88	714.78
MSPGCL Thml+Gas	115.27	778.29

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.50	44.05
MSPGCL Total	120.77	822.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.21	16.27
State Total	282.94	1987.19

Hourly Load Data As on 07/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	4506	161	311	4978	739	5270	0	1877	1844	-506	12325	5	12330	1533	13863	49.97
2	4476	89	322	4887	715	5270	0	1870	1814	-396	12290	4	12294	1425	13719	49.96
3	4472	89	313	4874	631	5276	0	1773	1808	-330	12259	4	12263	1355	13618	49.98
4	4511	89	322	4922	629	5269	0	1984	1814	-293	12341	4	12345	1319	13664	49.99
5	4526	100	310	4936	487	5261	0	2193	2194	-312	12566	4	12570	1335	13905	50.03
6	4557	95	314	4966	464	5270	0	3328	3071	-378	13393	7	13400	1400	14800	50.04
7	4548	146	324	5018	258	5284	0	3578	3775	-457	13878	7	13885	1482	15367	50.03
8	4538	321	315	5174	167	5292	11	4661	5103	-513	15234	7	15241	1542	16783	49.97
9	4561	651	329	5541	86	5597	63	4819	5140	-661	15766	7	15773	1695	17468	49.90
10	4663	578	306	5547	58	5793	104	4829	5005	-483	16024	7	16031	1769	17800	49.99
11	4693	459	300	5452	51	5969	159	4837	4650	-526	15755	7	15762	1930	17692	49.98
12	4575	327	298	5200	39	5891	181	4842	4642	-566	15387	7	15394	1930	17324	49.99
13	4641	284	298	5223	58	5802	199	4747	4365	-587	15060	7	15067	1892	16959	49.98
14	4481	92	297	4870	120	5642	189	4733	4543	-727	14637	8	14645	1827	16472	50.01
15	4399	107	297	4803	172	5351	162	4473	4490	-719	14259	5	14264	1733	15997	50.05
16	4391	202	297	4890	152	5220	133	4259	4478	-665	14208	5	14213	1672	15885	50.02
17	4422	202	300	4924	183	5235	84	4191	4159	-736	13849	5	13854	1665	15519	50.01
18	4416	139	300	4855	199	5269	30	3581	3195	-849	12699	5	12704	1698	14402	50.06
19	4406	124	301	4831	295	5283	2	3640	3514	-903	13022	5	13027	1751	14778	50.02
20	4406	743	294	5443	217	5326	0	3513	3882	-1064	13804	5	13809	1957	15766	49.99
21	4412	185	300	4897	150	5325	0	4038	3825	-1048	13149	5	13154	1947	15101	49.99
22	4432	113	302	4847	168	5322	0	3640	3095	-1061	12371	5	12376	1892	14268	50.08
23	4429	102	324	4855	189	5291	0	2603	2735	-958	12112	5	12117	1784	13901	50.00
24	4418	97	318	4833	198	5297	0	2513	2701	-811	12218	5	12223	1640	13863	50.02
MUs	107.88	5.50	7.39	120.77	6.42	129.80	1.32	86.52	85.84	-15.55	328.61	0.14	328.74	40.17	368.91	50.00

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 07/Feb/2016

Position as on 6.30 Hrs of 08/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								
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	
RGPL	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		Continued.	Withdrawn, changeover to Unit-3	
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	
MSPGCL	Uran Unit A0	120	06/02/2016	22.27		Continued.	GT Tripped on Diff.Protection	
MSPGCL	Uran Unit 6	108	06/02/2016	23.50		Continued.	Withdrawn due to tripping of AO Unit.	
MSPGCL	Khaparkheda Unit 3	210	07/02/2016	09.07		Continued.	Boiler Tube Leakage	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
IPP	RPL(AMT) U-1	270	08/02/2016	00.13		Continued.	Cooling Tower Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 08/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							
Dhule Sar'Sarovar I	InterState	06/02/2016	17.07	07/02/2016	06.46	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	06/02/2016	18.08	07/02/2016	07.30	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	07/02/2016	13.12		Continued.	PO	Replacement of B Ph Contact ARM Assembly of Isolator @ Akola.
Dhule Sar'Sarovar I	InterState	07/02/2016	13.29	08/02/2016	06.55	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/02/2016	17.10		Continued.	HT	Over Voltage
Padgha - Boisar (PG)	InterState	08/02/2016	02.07		Continued.	T	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.
Lonikand I - Koyna stage-IV	IntraState	31/01/2016	17.08	07/02/2016	15.29	HT	Over Voltage
karad -kolhapur-II	IntraState	06/02/2016	16.16	07/02/2016	07.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/02/2016	16.23		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/02/2016	16.48	07/02/2016	12.58	HT	Over Voltage
Koradi-Bhusawal	IntraState	07/02/2016	09.36	07/02/2016	12.44	PO	Taken on TBC.
Lonikand I - Koyna stage-IV	IntraState	07/02/2016	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/02/2016	17.10		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	07/02/2016	08.28	07/02/2016	19.43	PO	Tandelta,CRM,CB Timing Measurment Work.
220 KV LINE Outages/Trippings							
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).
Topworth - Kharghar	IntraState	30/01/2016	09.27		Continued.	PO	Repl.of Old damaged Tower
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
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	07/02/2016	00.15	07/02/2016	00.44	T	Distance Protection
REL Borivali TPC Borivali line	IntraState	07/02/2016	08.28	07/02/2016	19.43	PO	Annual Maintenance Work
Kandalgaon - Sona Alloys	IntraState	07/02/2016	09.05	07/02/2016	19.32	PO	Replacement of Damage Conductor,Hot Spot Attending Work.
Boisar-Viraj	IntraState	07/02/2016	10.07	07/02/2016	20.37	PO	Scada Testing Work.
Trombay Salsette 1 Backbay	IntraState	07/02/2016	12.37	07/02/2016	15.30	PO	Relay Work.
Ongc Panvel - Tss Panvel	IntraState	08/02/2016	00.07		Continued.	T	Distance Protection
Kharghar - Tss Panvel	IntraState	08/02/2016	00.07		Continued.	T	Distance Protection
Kandalgaon - ONGC Panvel	IntraState	08/02/2016	00.12	08/02/2016	00.30	T	Distance Protection
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

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 07/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 08/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)