

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Feb/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.314	610.578	1) Gujrat	-3.666	-14.560
2) Hydro	5.487	38.559	2) Madhya Pradesh	8.065	47.973
3) Gas	7.873	56.118	3) Chattisgarh	4.920	28.550
Total MSPGCL	117.674	705.255	4) Maharashtra Net	73.104	455.177
B) 1) APML	61.145	372.677	5) Goa (Amona)	-0.472	-2.976
2) JSWEL	24.003	144.418	6) TAPS 1&2 Injection	2.251	20.882
3) VIPL	10.886	65.283	7) RGPPL Injection	11.955	70.446
4) RPL(AMT)	23.593	144.185	8) Pench (MS)	0.465	3.166
5) WPCL	4.652	26.368	9) Pench (Excess)	-0.465	-3.102
6) Other IPP	9.039	57.764	Total	95.692	602.390
C) 1) TPCL Thermal	7.714	34.917	a) Mumbai Schedule	16.342	110.069
2) TPCL Hydro	2.687	26.789	b) Mumbai Drawl	23.426	150.869
3) TPCL Gas	3.132	20.566	c) MSEDCL Bilateral *	28.381	168.985
4) R-INFRA Thermal	10.188	65.272	Include PX	-3.904	-20.745
D) STATE			d) Mumbai Bilateral *	16.342	110.069
1) Thermal	255.534	1521.462	Include PX	-0.159	9.461
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	8.174	65.348	H) ENERGY CATERED (MUs)		
3) Gas	11.005	76.684	1) MSEDCL	335.097	2011.915
4) Wind	10.647	36.858	2) Mumbai Discoms	47.147	298.412
6) SOLAR	1.192	7.586	TOTAL STATE	382.244	2310.327
TOTAL STATE	286.552	1707.938			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4555	4519	4386	4004
MSPGCL Hydro	583	266	161	111
MSPGCL Gas	319	300	353	309
MSPGCL Total Generation	5457	5085	4900	4424
Central Sector Receipt	5241	4728	4378	3525
WIND	381	431	715	157
CPP / IPP	6094	5933	5365	5142
SOLAR	142	164	0	0
Exchange with Mumbai	-1167	-1199	-1260	-694
MSEDCL DEMAND MET	16148	15142	14098	12554
Load Shedding	7	7	5	4
MSEDCL DEMAND	16155	15149	14103	12558
TPCL GENERATION	749	816	633	309
R-INFRA GENERATION	512	408	400	400
MUMBAI DEMAND	2428	2423	2293	1403
STATE DEMAND MET	18576	17565	16391	13957
STATE DEMAND	18583	17572	16396	13961
Frequency (Hz)	49.98	49.99	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 21.58 Hrs	49.81 Hz at 05.38 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 06/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.74	21.88	165	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	3.74	48.17		
Bhusawal				
Unit 2	3.98	24.26	180	160
Unit 3	3.98	24.02	170	160
Unit 4	8.86	54.29	455	355
Unit 5	8.98	55.26	470	355
Total	25.81	157.83		
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	4.22	25.18	202	163
Unit 4	4.07	24.70	191	158
Unit 5	8.95	55.32	410	360
Unit 6	9.46	57.17	435	376
Unit 7	2.73	2.73	337	0
Total	29.44	165.10		
Paras				
Unit 3	4.89	24.78	245	182
Unit 4	4.86	30.41	256	154
Total	9.75	55.18		
Khaparkheda				
Unit 1	3.68	22.88	175	130
Unit 2	3.82	19.55	185	130
Unit 3	3.83	8.07	172	125
Unit 4	3.83	22.28	183	153
Unit 5	9.74	59.74	510	354
Total	24.90	132.53		
Nasik				
Unit 3	2.36	2.36	180	0
Unit 4	4.08	24.43	192	158
Unit 5	4.22	24.97	203	157
Total	10.67	51.76		
Uran				
All Units	7.87	56.12	444	297
Total	7.87	56.12		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.46	3.17	48	0
Total	0.46	3.17		
Koyna				
Stage 1-2	1.50	12.36	255	40
Stage 4	0.13	1.70	126	0
Stage 3	0.45	3.94	156	0
Total	2.07	18.00		
Hydro				
KDPH	0.56	2.27	36	17
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.	0.28	1.82	40	0
RNGR+BHTSA	0.25	1.54	11	10
BHANDARDRA	0.57	2.48	44	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	3.62	30	29
GHATGHAR	1.05	8.07	250	0
Total	3.42	20.56		
Wind				
Total	10.65	36.86	0	0
Total	10.65	36.86		
CPP				
APML(Mus)	61.14	372.68	0	0
JSWEL(Mus)	24.00	144.42	0	0
VIPL(Mus)	10.89	65.28	0	0
RPLAMT(Mus)	23.59	144.18	0	0
WPCL(Mus)	4.65	26.37	0	0
Other(Mus)	9.04	57.76	0	0
Total	133.32	810.70		
SOLAR				
Total	1.19	7.59	0	0
Total	1.19	7.59		
Tata				
Trombay 5	2.62	2.62	319	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	12.33	115	59
Trombay 7B	1.29	8.24	67	47
Trombay 8	5.10	32.30	239	199
TATA Hydro	2.69	26.79	397	0
Total	13.53	82.27		
R-INFRA				
1-2	10.19	65.27	516	394
Total	10.19	65.27		

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

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.31	610.58
MSPGCL Thml+Gas	112.19	666.70

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.49	38.56
MSPGCL Total	117.67	705.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.62	14.06
State Total	286.55	1707.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	3953	161	307	4421	178	5252	0	3650	3678	-951	12578	5	12583	1660	14243	49.96
2	3984	106	312	4402	171	5218	0	3509	3610	-764	12637	4	12641	1472	14113	49.94
3	4004	111	309	4424	157	5142	0	3207	3525	-694	12554	4	12558	1403	13961	49.99
4	4023	111	311	4445	122	5131	0	3202	3597	-655	12640	4	12644	1366	14010	49.98
5	3995	106	310	4411	122	5245	0	3349	3612	-658	12732	4	12736	1369	14105	49.96
6	4007	106	311	4424	177	5547	0	4079	4004	-759	13393	7	13400	1470	14870	49.95
7	4268	145	324	4737	305	5870	0	4547	4666	-830	14748	7	14755	1576	16331	49.99
8	4678	377	322	5377	344	6134	12	4851	4705	-827	15745	7	15752	1759	17511	49.96
9	4751	355	328	5434	336	6358	49	4883	4611	-920	15868	7	15875	2026	17901	49.94
10	4560	712	317	5589	341	6029	107	4873	5060	-1019	16107	7	16114	2258	18372	49.99
11	4555	583	319	5457	381	6094	142	4873	5241	-1167	16148	7	16155	2428	18583	49.98
12	4550	351	299	5200	561	6117	149	4860	4763	-1150	15640	7	15647	2445	18092	49.99
13	4519	266	300	5085	431	5933	164	4720	4728	-1199	15142	7	15149	2423	17572	49.99
14	4391	154	308	4853	400	5578	177	4682	4446	-1163	14291	8	14299	2258	16557	50.01
15	4385	149	297	4831	373	5501	159	4682	4628	-1217	14275	5	14280	2244	16524	49.97
16	4379	219	300	4898	437	5419	123	4648	4650	-1108	14419	5	14424	2214	16638	49.95
17	4357	194	313	4864	437	5334	80	4611	4474	-1048	14141	5	14146	2200	16346	49.98
18	4308	169	316	4793	518	5317	30	3899	3598	-1142	13114	5	13119	2184	15303	49.99
19	4376	171	314	4861	688	5334	0	3921	3705	-1210	13378	5	13383	2257	15640	50.00
20	4386	161	353	4900	715	5365	0	4646	4378	-1260	14098	5	14103	2293	16396	50.01
21	4471	161	373	5005	901	5389	0	3971	3475	-1133	13637	5	13642	2203	15845	50.01
22	4459	161	424	5044	934	5415	0	2975	2673	-1038	13028	5	13033	2072	15105	50.04
23	4470	166	444	5080	916	5322	0	2035	1910	-825	12403	5	12408	1848	14256	49.97
24	4485	292	362	5139	702	5272	0	1435	1955	-689	12379	5	12384	1719	14103	50.02
MUs	104.31	5.49	7.87	117.67	10.65	133.32	1.19	96.11	95.69	-23.43	335.10	0.14	335.23	47.15	382.38	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 06/Feb/2016

Position as on 6.30 Hrs of 07/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	
TPC-G	Trombay 5	500	26/01/2016	21.55	06/02/2016	13.10	Boiler Maintenance work	
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	Chandrapur Unit 7	500	28/01/2016	22.50	06/02/2016	12.07	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	30/01/2016	00.02	06/02/2016	06.35	MSEDCL Zero Shedule.	
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	04/02/2016	08.48	06/02/2016	21.04	Gas shortage	
MSPGCL	Uran Unit 6	108	04/02/2016	09.02	06/02/2016	16.28	Gas shortage	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 07/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	05/02/2016	16.50	06/02/2016	07.02	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/02/2016	11.15	06/02/2016	17.01	PO	Cut Point Jointing Tightening
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		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/02/2016	17.10		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.
Lonikand I - Koyna stage-IV	IntraState	31/01/2016	17.08	07/02/2016	15.29	HT	Over Voltage
karad -kolhapur-I	IntraState	05/02/2016	16.15	06/02/2016	08.51	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/02/2016	16.19	06/02/2016	08.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/02/2016	17.04	06/02/2016	07.02	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	06/02/2016	04.33	06/02/2016	09.09	T	Distance Protection
Koradi-Bhusawal	IntraState	06/02/2016	13.33	06/02/2016	13.45	HT	For removing Line Reactor
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							
Nasik Navsari I	InterState	06/02/2016	09.09	06/02/2016	18.30	PO	Work at Navsari end
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
Babhaleshwar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Goregaon Aarey Line 2	IntraState	06/02/2016	02.48	06/02/2016	03.12	T	Distance Protection
Trombay Dharavi 9	IntraState	06/02/2016	06.15	06/02/2016	07.57	T	Distance Protection
Dhule - Dondaicha Ckt	IntraState	06/02/2016	09.46	06/02/2016	13.55	PO	Tan Delta Measurment of CTs
Warora - Wardha	IntraState	06/02/2016	11.04	06/02/2016	15.42	PO	Tan Delta Measurment of CTs

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 06/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 07/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri (400 Kv)-Jejuri- I	IntraState	06/02/2016	13.00	06/02/2016	18.23	PO	Attending Oil Leakage
Dhule-Amalner(220kv)	IntraState	06/02/2016	14.10	06/02/2016	15.57	PO	Tan Delta Measurment of CTs
Dondaicha- Shahada	IntraState	06/02/2016	15.48	06/02/2016	18.09	PO	Line Signature Test
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.
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 100 Mva Emco Ict 2 @Dondaicha	IntraState	06/02/2016	11.27	06/02/2016	15.28	PO	Tan Delta Measurment of CTs
220/132 Kv 100 Mva Emco Ict @Shahada	IntraState	06/02/2016	14.15	06/02/2016	18.40	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Khadka - Savda	IntraState	06/02/2016	13.55	06/02/2016	16.14	T	Distance Protection
Deepnagar- Nimbhora	IntraState	06/02/2016	14.36	06/02/2016	17.19	T	Distance Protection

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