

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Feb/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.157	941.008	1) Gujrat	-3.278	-24.074
2) Hydro	5.818	57.176	2) Madhya Pradesh	5.617	65.569
3) Gas	9.639	80.666	3) Chattisgarh	4.250	40.940
Total MSPGCL	129.614	1078.850	4) Maharashtra Net	75.699	669.782
B) 1) APMIL	61.189	553.993	5) Goa (Amona)	-0.494	-4.324
2) JSWEL	25.355	218.665	6) TAPS 1&2 Injection	3.074	26.741
3) VIPL	10.659	96.894	7) RGPPL Injection	11.752	105.679
4) RPL(AMT)	23.721	210.576	8) Pench (MS)	0.130	3.652
5) WPCL	4.571	39.963	9) Pench (Excess)	-0.130	-3.588
6) Other IPP	9.292	86.019	Total	96.490	876.725
C) 1) TPCL Thermal	9.261	64.682	a) Mumbai Schedule	16.250	157.692
2) TPCL Hydro	4.727	36.089	b) Mumbai Drawl	21.507	208.055
3) TPCL Gas	4.207	31.998	c) MSEDCL Bilateral *	29.677	255.874
4) R-INFRA Thermal	10.286	95.727	Include PX	-3.570	-32.056
D) STATE			d) Mumbai Bilateral *	16.250	157.692
1) Thermal	268.491	2307.527	Include PX	0.107	9.583
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.545	93.265	H) ENERGY CATERED (MUs)		
3) Gas	13.846	112.664	1) MSEDCL	345.280	3017.951
4) Wind	4.698	52.940	2) Mumbai Discoms	49.988	436.548
6) SOLAR	1.198	11.381	TOTAL STATE	395.268	3454.499
TOTAL STATE	298.778	2577.777			

* 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 4 Hrs
MSPGCL Thermal	5165	5137	4552	4592
MSPGCL Hydro	580	272	555	139
MSPGCL Gas	453	303	378	460
MSPGCL Total Generation	6198	5712	5485	5191
Central Sector Receipt	4982	4143	4942	2557
WIND	178	96	247	196
CPP / IPP	6476	6086	5382	5351
SOLAR	111	168	0	0
Exchange with Mumbai	-913	-1081	-1216	-457
MSEDCL DEMAND MET	17032	15124	14840	12838
Load Shedding	7	7	5	5
MSEDCL DEMAND	17039	15131	14845	12843
TPCL GENERATION	990	1028	847	476
R-INFRA GENERATION	516	505	403	402
MUMBAI DEMAND	2419	2614	2466	1335
STATE DEMAND MET	19451	17738	17306	14173
STATE DEMAND	19458	17745	17311	14178
Frequency (Hz)	49.98	49.99	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.01 Hrs	49.79 Hz at 22:07 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 09/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.69	33.16	160	147
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	3.69	59.44		
Bhusawal				
Unit 2	4.05	36.44	175	160
Unit 3	4.04	36.12	175	155
Unit 4	8.79	80.87	375	360
Unit 5	8.85	81.96	380	360
Total	25.74	235.40		
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	4.23	37.60	200	163
Unit 4	4.21	36.92	198	163
Unit 5	9.33	82.60	480	360
Unit 6	9.63	85.83	420	390
Unit 7	9.38	29.56	453	353
Total	36.78	272.52		
Paras				
Unit 3	4.77	39.35	235	184
Unit 4	5.05	45.40	253	185
Total	9.82	84.75		
Khaparkheda				
Unit 1	3.82	30.50	160	150
Unit 2	3.87	31.17	170	160
Unit 3	3.90	15.88	165	158
Unit 4	3.86	33.84	164	157
Unit 5	9.78	89.00	500	360
Total	25.22	200.39		
Nasik				
Unit 3	4.35	14.74	210	160
Unit 4	4.27	36.56	194	159
Unit 5	4.30	37.20	200	160
Total	12.92	88.51		
Uran				
All Units	9.64	80.67	478	283
Total	9.64	80.67		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.13	3.65	29	0
Total	0.13	3.65		
Koyna				
Stage 1-2	1.86	18.72	290	40
Stage 4	0.42	2.32	161	0
Stage 3	0.12	5.25	80	0
Total	2.40	26.28		
Hydro				
KDPH	0.63	3.77	36	18
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.	0.18	2.36	40	0
RNGR+BHTSA	0.25	2.29	11	10
BHANDARDRA	0.47	3.93	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.79	5.89	34	33
GHATGHAR	1.09	11.88	250	0
Total	3.42	30.89		
Wind				
Total	4.70	52.94	0	0
Total	4.70	52.94		
CPP				
APML(Mus)	61.19	553.99	0	0
JSWEL(Mus)	25.36	218.66	0	0
VIPL(Mus)	10.66	96.89	0	0
RPLAMT(Mus)	23.72	210.58	0	0
WPCL(Mus)	4.57	39.96	0	0
Other(Mus)	9.29	86.02	0	0
Total	134.79	1206.11		
SOLAR				
Total	1.20	11.38	0	0
Total	1.20	11.38		
Tata				
Trombay 5	9.26	28.91	494	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.64	19.36	115	96
Trombay 7B	1.57	12.63	68	60
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.73	36.09	450	13
Total	18.20	132.77		
R-INFRA				
1-2	10.29	95.73	516	401
Total	10.29	95.73		

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

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	114.16	941.01
MSPGCL Thml+Gas	123.80	1021.67

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.82	57.18
MSPGCL Total	129.61	1078.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.28	21.03
State Total	298.78	2577.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	4606	173	445	5224	108	5160	0	3116	3028	-657	12863	5	12868	1535	14403	50.00
2	4608	144	460	5212	167	5230	0	2963	2757	-538	12828	5	12833	1419	14252	50.00
3	4604	139	460	5203	180	5329	0	2437	2708	-475	12945	5	12950	1354	14304	49.99
4	4592	139	460	5191	196	5351	0	2341	2557	-457	12838	5	12843	1335	14178	49.99
5	4591	154	462	5207	212	5339	0	2544	2737	-467	13028	5	13033	1346	14379	50.00
6	4580	139	464	5183	195	5341	0	3619	3701	-615	13805	7	13812	1494	15306	49.97
7	4668	149	461	5278	192	5432	0	4537	4436	-771	14567	7	14574	1687	16261	49.96
8	5009	149	463	5621	310	5729	7	4845	5250	-745	16172	7	16179	1877	18056	49.98
9	5142	320	478	5940	265	6028	52	4892	5560	-832	17013	7	17020	2179	19199	50.01
10	5165	580	453	6198	178	6476	111	4903	4982	-913	17032	7	17039	2419	19458	49.98
11	5117	435	451	6003	137	6485	144	4929	4802	-1017	16554	7	16561	2592	19153	50.01
12	5150	391	299	5840	103	6317	172	4965	4968	-1046	16354	7	16361	2621	18982	50.02
13	5137	272	303	5712	96	6086	168	4785	4143	-1081	15124	7	15131	2614	17745	49.99
14	4835	146	295	5276	133	5934	190	4755	4465	-1021	14977	11	14988	2460	17448	50.03
15	4836	121	293	5250	204	5801	148	4740	4785	-1030	15158	9	15167	2481	17648	49.99
16	4810	161	283	5254	198	5757	111	4751	4802	-1010	15112	9	15121	2479	17600	49.97
17	4717	191	305	5213	183	5453	73	4493	4496	-971	14447	9	14456	2484	16940	49.94
18	4646	151	301	5098	141	5362	22	3920	4239	-1084	13778	9	13787	2446	16233	49.99
19	4570	508	301	5379	179	5369	0	4153	4467	-1162	14232	5	14237	2448	16685	50.00
20	4552	555	378	5485	247	5382	0	4821	4942	-1216	14840	5	14845	2466	17311	50.00
21	4558	178	446	5182	254	5383	0	4804	4200	-1197	13822	5	13827	2318	16145	49.97
22	4586	126	464	5176	238	5378	0	3999	3909	-1177	13524	5	13529	2104	15633	50.03
23	4537	371	458	5366	296	5358	0	2792	3087	-1126	12981	5	12986	2031	15017	49.95
24	4541	126	456	5123	286	5308	0	2806	3242	-899	13060	5	13065	1799	14864	49.98
MUs	114.16	5.82	9.64	129.61	4.70	134.79	1.20	96.91	98.26	-21.51	347.05	0.16	347.21	49.99	397.20	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 09/Feb/2016

Position as on 6.30 Hrs of 10/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	
MSPGCL	Koyana Unit 1	75	08/02/2016	10.16		Continued.	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	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.	
IPP	RPL(AMT) U-1	270	08/02/2016	00.13	09/02/2016	01.06	Cooling Tower Tube Leakage.	
MSPGCL	Uran Unit 8	108	09/02/2016	11.29	09/02/2016	18.19	filter replacement	
MSPGCL	Ghatghar Unit-1	125	09/02/2016	18.00		Continued.	GT oil fileration work	
IPP	RPL(AMT) U-3	270	10/02/2016	00.02		Continued.	Bottom Ash problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 10/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	08/02/2016	17.16	09/02/2016	06.28	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	08/02/2016	18.02	09/02/2016	07.18	HT	Over Voltage
Padgha - Boisar (PG)	InterState	09/02/2016	02.23	09/02/2016	06.39	T	Over Voltage
Dhule Sar'Sarovar I	InterState	09/02/2016	17.22	10/02/2016	06.36	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	09/02/2016	17.37	10/02/2016	06.49	HT	Over Voltage
Padgha - Boisar (PG)	InterState	09/02/2016	18.24	09/02/2016	18.43	EO	Attending sparking on LMU
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.
Karad-Jaigad - I	IntraState	06/02/2016	16.23	09/02/2016	08.12	HT	Over Voltage
karad -kolhapur-II	IntraState	08/02/2016	16.08	09/02/2016	07.44	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/02/2016	17.24	09/02/2016	08.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/02/2016	21.41	09/02/2016	06.39	HT	Over Voltage
Main Bus I @ Akola	IntraState	09/02/2016	14.40	09/02/2016	16.55	PO	Hot Line work .PID Testing
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		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/02/2016	16.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/02/2016	18.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/02/2016	21.37		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	09/02/2016	09.28	09/02/2016	16.50	PO	Replacement work
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
Taloja li - OCIL-II	IntraState	09/02/2016	07.31	09/02/2016	18.05	PO	Testing Work
New Koyna - Pedambe	IntraState	09/02/2016	10.19	09/02/2016	16.11	PO	isolator maintainance work
Uran - Hoc 1	IntraState	09/02/2016	14.25	09/02/2016	17.58	EO	Attending DE Capping
Sonkhar - Trombay	IntraState	10/02/2016	04.58	10/02/2016	05.23	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 commissioning)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	09/02/2016	07.20	09/02/2016	18.25	PO	Testing Work
400/220/33 Kv 50 MVA TF -2 @Kharghar	IntraState	09/02/2016	09.16	09/02/2016	16.27	PO	Testing Work
220KV/132KV 200MVA ICT III @ Miraj	IntraState	09/02/2016	10.17	09/02/2016	13.20	PO	Testing Work
132 KV LINE Outages/Trippings							
Chalisingaon- Kannad	IntraState	09/02/2016	07.55	09/02/2016	08.10	T	Due to Discom Fault

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