

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Feb/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.375	1489.642	1) Gujrat	-3.675	-43.447
2) Hydro	5.216	80.995	2) Madhya Pradesh	11.651	111.237
3) Gas	10.059	134.557	3) Chattisgarh	5.640	67.010
Total MSPGCL	128.650	1705.194	4) Maharashtra Net	70.996	1018.370
B) 1) APLM	49.462	845.086	5) Goa (Amona)	-0.444	-6.676
2) JSWEL	24.132	341.266	6) TAPS 1&2 Injection	3.710	45.160
3) VIPL	5.290	141.011	7) RGPPL Injection	11.645	164.487
4) RPL(AMT)	23.084	310.747	8) Pench (MS)	0.599	6.204
5) WPCL	4.496	63.490	9) Pench (Excess)	-0.599	-6.140
6) Other IPP	4.523	127.079	Total	98.924	1350.001
C) 1) TPCL Thermal	7.870	108.871	a) Mumbai Schedule	10.728	230.828
2) TPCL Hydro	0.220	51.849	b) Mumbai Drawl	18.253	313.312
3) TPCL Gas	3.889	52.409	c) MSEDCL Bilateral *	27.941	399.480
4) R-INFRA Thermal	9.874	146.144	Include PX	-4.851	-51.625
D) STATE			d) Mumbai Bilateral *	10.728	230.828
1) Thermal	242.106	3573.336	Include PX	0.595	10.700
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.436	132.844	H) ENERGY CATERED (MUs)		
3) Gas	13.948	186.966	1) MSEDCL	326.983	4687.232
4) Wind	5.409	98.944	2) Mumbai Discoms	40.106	672.581
6) SOLAR	1.266	17.726	TOTAL STATE	367.089	5359.813
TOTAL STATE	268.165	4009.816			

* 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 5 Hrs
MSPGCL Thermal	5314	4681	4608	4591
MSPGCL Hydro	279	419	98	109
MSPGCL Gas	458	422	313	456
MSPGCL Total Generation	6051	5522	5019	5156
Central Sector Receipt	4569	5004	4939	2752
WIND	200	37	145	433
CPP / IPP	5302	4880	4463	4443
SOLAR	107	180	0	0
Exchange with Mumbai	-646	-900	-1053	-462
MSEDCL DEMAND MET	15583	14723	13513	12322
Load Shedding	18	8	17	5
MSEDCL DEMAND	15601	14731	13530	12327
TPCL GENERATION	646	584	480	456
R-INFRA GENERATION	519	404	402	404
MUMBAI DEMAND	1811	1888	1935	1322
STATE DEMAND MET	17394	16611	15448	13644
STATE DEMAND	17412	16619	15465	13649
Frequency (Hz)	49.98	49.93	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 18.02 Hrs	49.82 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 14/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.60	51.10	165	140
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.61	57.01	405	400
Total	13.21	108.11		
Bhusawal				
Unit 2	4.07	56.91	175	165
Unit 3	4.10	45.51	175	160
Unit 4	4.42	121.46	370	0
Unit 5	4.92	95.65	380	0
Total	17.50	319.53		
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	4.15	58.50	199	163
Unit 4	4.12	57.79	198	163
Unit 5	9.05	128.60	460	355
Unit 6	9.64	133.69	435	386
Unit 7	9.04	75.02	445	348
Total	36.01	453.60		
Paras				
Unit 3	5.13	64.65	250	189
Unit 4	5.12	70.70	252	190
Total	10.25	135.34		
Khaparkheda				
Unit 1	3.84	49.49	175	150
Unit 2	3.88	50.56	185	150
Unit 3	3.96	35.67	202	161
Unit 4	3.86	53.41	168	158
Unit 5	9.21	137.05	500	360
Total	24.76	326.18		
Nasik				
Unit 3	3.94	35.11	165	160
Unit 4	3.85	56.50	164	157
Unit 5	3.86	55.26	169	152
Total	11.65	146.88		
Uran				
All Units	10.06	134.56	483	304
Total	10.06	134.56		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.60	6.20	49	0
Total	0.60	6.20		
Koyna				
Stage 1-2	1.81	26.79	215	40
Stage 4	0.07	2.93	35	0
Stage 3	0.64	7.67	118	0
Total	2.52	37.38		
Hydro				
KDPH	0.00	5.27	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.19	1.34	65	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	3.47	40	0
RNGR+BHTSA	0.00	3.36	0	0
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.41	9.83	59	58
GHATGHAR	0.97	15.18	170	0
Total	2.69	43.61		
Wind				
Total	5.41	98.94	0	0
Total	5.41	98.94		
CPP				
APML(Mus)	49.46	845.09	0	0
JSWEL(Mus)	24.13	341.27	0	0
VIPL(Mus)	5.29	141.01	0	0
RPLAMT(Mus)	23.08	310.75	0	0
WPCL(Mus)	4.50	63.49	0	0
Other(Mus)	4.52	127.08	0	0
Total	110.99	1828.68		
SOLAR				
Total	1.27	17.73	0	0
Total	1.27	17.73		
Tata				
Trombay 5	7.87	73.10	467	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	32.08	115	71
Trombay 7B	1.50	20.33	67	54
Trombay 8	0.00	35.77	0	0
TATA Hydro	0.22	51.85	93	0
Total	11.98	213.13		
R-INFRA				
1-2	9.87	146.14	519	401
Total	9.87	146.14		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.38	1489.64
MSPGCL Thml+Gas	123.43	1624.20

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.22	81.00
MSPGCL Total	128.65	1705.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.88	29.72
State Total	268.16	4009.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	4609	104	455	5168	298	4455	0	3166	3299	-718	12502	5	12507	1578	14085	49.98
2	4609	114	458	5181	288	4442	0	3109	3023	-584	12350	5	12355	1445	13800	50.02
3	4599	104	466	5169	257	4449	0	3163	3024	-499	12400	5	12405	1358	13763	49.99
4	4590	144	466	5200	349	4443	0	2907	2805	-450	12347	5	12352	1311	13663	49.98
5	4591	109	456	5156	433	4443	0	2757	2752	-462	12322	5	12327	1322	13649	49.99
6	4610	109	460	5179	450	4442	0	3504	3540	-533	13078	8	13086	1398	14484	49.96
7	4875	109	458	5442	399	4700	0	4121	3844	-567	13818	8	13826	1464	15290	50.03
8	5085	104	467	5656	340	5088	8	4724	4612	-624	15080	8	15088	1525	16613	49.98
9	5230	283	483	5996	252	5196	50	4584	4624	-682	15436	8	15444	1657	17101	49.96
10	5314	279	458	6051	200	5302	107	4858	4569	-646	15583	18	15601	1811	17412	49.98
11	4989	305	437	5731	106	5282	149	4973	5033	-824	15477	18	15495	1907	17402	49.95
12	4933	429	445	5807	66	5164	194	5006	5145	-1017	15359	8	15367	1921	17288	49.97
13	4681	419	422	5522	37	4880	180	4950	5004	-900	14723	8	14731	1888	16619	49.93
14	4663	349	439	5451	55	4520	183	4819	4825	-854	14180	8	14188	1816	16004	50.01
15	4631	338	434	5403	77	4423	161	4798	4934	-838	14160	5	14165	1725	15890	50.00
16	4572	411	441	5424	91	4352	127	4799	4865	-799	14060	5	14065	1693	15758	49.98
17	4581	341	421	5343	134	4355	82	4470	4664	-771	13807	5	13812	1661	15473	49.98
18	4583	292	453	5328	153	4399	25	3372	3681	-794	12792	5	12797	1688	14485	50.02
19	4605	98	402	5105	161	4425	0	3937	4077	-920	12848	17	12865	1808	14673	50.01
20	4608	98	313	5019	145	4463	0	4711	4939	-1053	13513	17	13530	1935	15465	49.98
21	4605	103	304	5012	213	4464	0	4406	4747	-1050	13386	17	13403	1934	15337	50.01
22	4590	273	306	5169	281	4456	0	3389	3867	-998	12775	5	12780	1878	14658	50.02
23	4619	198	306	5123	327	4426	0	3222	3307	-902	12281	5	12286	1771	14057	49.99
24	4603	103	309	5015	297	4421	0	3064	3744	-768	12709	5	12714	1612	14326	50.00
MUs	113.38	5.22	10.06	128.65	5.41	110.99	1.27	96.81	98.92	-18.25	326.98	0.20	327.19	40.11	367.29	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 14/Feb/2016

Position as on 6.30 Hrs of 15/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.	
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 Bellow.	
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 14/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 15/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) 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	15/02/2016	06.26	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
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	15/02/2016	06.43	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).
Bableshevar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
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)

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