

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 04/Feb/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.257	412.600	1) Gujrat	-1.760	-8.466
2) Hydro	7.005	26.857	2) Madhya Pradesh	9.513	31.182
3) Gas	8.679	40.879	3) Chattisgarh	5.140	18.670
Total MSPGCL	112.941	480.336	4) Maharashtra Net	80.313	302.295
B) 1) APML	62.632	249.622	5) Goa (Amona)	-0.496	-2.076
2) JSWEL	23.232	96.883	6) TAPS 1&2 Injection	3.726	14.906
3) VIPL	10.672	43.488	7) RGPPL Injection	11.710	46.771
4) RPL(AMT)	24.083	96.343	8) Pench (MS)	0.370	2.265
5) WPCL	4.222	17.109	9) Pench (Excess)	-0.370	-2.201
6) Other IPP	9.536	39.327	Total	107.776	401.081
C) 1) TPCL Thermal	5.464	21.727	a) Mumbai Schedule	19.503	74.692
2) TPCL Hydro	4.946	19.172	b) Mumbai Drawl	25.460	101.913
3) TPCL Gas	3.051	14.341	c) MSEDCL Bilateral *	29.444	112.482
4) R-INFRA Thermal	10.680	44.237	Include PX	-2.288	-13.314
D) STATE			d) Mumbai Bilateral *	19.503	74.692
1) Thermal	247.778	1021.336	Include PX	2.161	7.959
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.951	46.029	H) ENERGY CATERED (MUs)		
3) Gas	11.730	55.220	1) MSEDCL	336.467	1348.526
4) Wind	5.526	21.096	2) Mumbai Discoms	49.601	201.391
6) SOLAR	1.307	5.154	TOTAL STATE	386.068	1549.917
TOTAL STATE	278.292	1148.835			

* 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	4644	4296	3878	3906
MSPGCL Hydro	304	383	290	122
MSPGCL Gas	298	283	301	470
MSPGCL Total Generation	5246	4962	4469	4498
Central Sector Receipt	5186	5205	5367	2888
WIND	240	57	236	408
CPP / IPP	6402	5894	5661	5237
SOLAR	118	180	0	0
Exchange with Mumbai	-1061	-1199	-1410	-654
MSEDCL DEMAND MET	16131	15099	14323	12377
Load Shedding	16	8	5	5
MSEDCL DEMAND	16147	15107	14328	12382
TPCL GENERATION	817	842	611	309
R-INFRA GENERATION	512	515	399	399
MUMBAI DEMAND	2390	2556	2420	1362
STATE DEMAND MET	18521	17655	16743	13739
STATE DEMAND	18537	17663	16748	13744
Frequency (Hz)	49.98	49.99	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 12.01 Hrs	49.74 Hz at 16.13 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 04/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.65	14.45	160	145
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	3.65	40.74		
Bhusawal				
Unit 2	4.06	16.26	185	160
Unit 3	4.00	16.02	180	150
Unit 4	9.30	36.30	490	355
Unit 5	9.27	37.00	500	360
Total	26.62	105.58		
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	4.17	16.68	199	163
Unit 4	4.20	16.67	202	160
Unit 5	9.33	37.18	450	355
Unit 6	9.52	38.27	420	381
Unit 7	0.00	0.00	0	0
Total	27.22	108.80		
Paras				
Unit 3	4.89	14.93	246	179
Unit 4	5.00	20.51	260	188
Total	9.88	35.44		
Khaparkheda				
Unit 1	3.88	15.30	175	155
Unit 2	3.91	15.70	185	155
Unit 3	0.00	3.93	0	0
Unit 4	3.90	14.63	179	155
Unit 5	9.74	39.85	500	360
Total	21.43	89.40		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.20	16.23	194	159
Unit 5	4.24	16.41	198	162
Total	8.44	32.64		
Uran				
All Units	8.68	40.88	490	279
Total	8.68	40.88		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.37	2.26	48	0
Total	0.37	2.26		
Koyna				
Stage 1-2	2.19	8.72	470	40
Stage 4	0.15	0.96	149	0
Stage 3	0.37	2.60	80	0
Total	2.71	12.28		
Hydro				
KDPH	0.43	1.72	18	18
VTRNA	0.00	0.28	0	0
TILLARI	0.19	0.31	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	1.24	80	0
RNGR+BHTSA	0.25	1.03	11	10
BHANDARDRA	0.49	1.43	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	2.23	27	26
GHATGHAR	1.96	6.35	250	0
Total	4.30	14.57		
Wind				
Total	5.53	21.10	0	0
Total	5.53	21.10		
CPP				
APML(Mus)	62.63	249.62	0	0
JSWEL(Mus)	23.23	96.88	0	0
VIPL(Mus)	10.67	43.49	0	0
RPLAMT(Mus)	24.08	96.34	0	0
WPCL(Mus)	4.22	17.11	0	0
Other(Mus)	9.54	39.33	0	0
Total	134.38	542.77		
SOLAR				
Total	1.31	5.15	0	0
Total	1.31	5.15		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.78	8.67	114	59
Trombay 7B	1.27	5.67	67	46
Trombay 8	5.46	21.73	244	201
TATA Hydro	4.95	19.17	459	0
Total	13.46	55.24		
R-INFRA				
1-2	10.68	44.24	518	399
Total	10.68	44.24		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	97.26	412.60
MSPGCL Thml+Gas	105.94	453.48

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.00	26.86
MSPGCL Total	112.94	480.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.34	9.68
State Total	278.29	1148.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	3911	117	489	4517	269	5336	0	3518	3360	-877	12605	5	12610	1585	14195	49.99
2	3919	117	469	4505	343	5245	0	3337	3209	-752	12550	5	12555	1460	14015	49.99
3	3924	132	490	4546	354	5247	0	3083	2984	-682	12449	5	12454	1391	13845	50.01
4	3906	122	470	4498	408	5237	0	2905	2888	-654	12377	5	12382	1362	13744	49.98
5	3891	117	482	4490	449	5251	0	2916	2977	-654	12513	5	12518	1363	13881	49.97
6	3877	127	475	4479	455	5236	0	4228	3909	-785	13294	8	13302	1495	14797	50.00
7	4078	116	472	4666	443	5378	0	4892	4752	-930	14309	8	14317	1649	15966	49.97
8	4510	400	436	5346	409	6021	7	5060	5042	-874	15951	8	15959	1866	17825	49.99
9	4634	277	436	5347	244	6346	63	5092	4776	-947	15829	8	15837	2147	17984	49.99
10	4644	304	298	5246	240	6402	118	5237	5186	-1061	16131	16	16147	2390	18537	49.98
11	4509	411	303	5223	181	6003	153	5372	5169	-1149	15580	36	15616	2528	18144	50.00
12	4342	446	287	5075	89	5944	194	5414	5690	-1165	15827	14	15841	2559	18400	49.98
13	4296	383	283	4962	57	5894	180	5303	5205	-1199	15099	8	15107	2556	17663	49.99
14	4002	296	292	4590	42	5746	192	5183	5347	-1100	14817	8	14825	2414	17239	50.00
15	3955	379	279	4613	67	5654	163	5199	5495	-1095	14897	5	14902	2440	17342	49.99
16	3901	489	298	4688	71	5635	132	5194	5501	-1073	14954	5	14959	2445	17404	49.98
17	3912	444	292	4648	120	5627	79	5162	5160	-1233	14401	5	14406	2457	16863	49.98
18	3914	381	295	4590	172	5628	26	4211	4619	-1336	13699	5	13704	2438	16142	49.99
19	3897	436	300	4633	215	5646	0	4555	4438	-1378	13554	5	13559	2441	16000	49.96
20	3878	290	301	4469	236	5661	0	5162	5367	-1410	14323	5	14328	2420	16748	49.99
21	3838	174	304	4316	225	5469	0	5021	5061	-1446	13625	5	13630	2326	15956	49.97
22	3836	119	308	4263	168	5298	0	4398	4555	-1372	12912	5	12917	2155	15072	49.98
23	3842	544	309	4695	135	5256	0	3347	3599	-1218	12467	5	12472	1935	14407	49.96
24	3841	384	311	4536	134	5215	0	3361	3487	-1070	12302	5	12307	1779	14086	50.00
MUs	97.26	7.01	8.68	112.94	5.53	134.38	1.31	107.15	107.78	-25.46	336.47	0.19	336.66	49.60	386.26	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 04/Feb/2016

Position as on 6.30 Hrs of 05/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	
TPC-G	Trombay 5	500	26/01/2016	21.55		Continued.	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	Uran Unit 6	108	23/01/2016	21.16		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 7	500	28/01/2016	22.50		Continued.	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	30/01/2016	00.02		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Koradi Unit 7	210	30/01/2016	00.12		Continued.	MSEDCL Zero Shedule.	
MSPGCL	Khaparkheda Unit 3	210	02/02/2016	00.18		Continued.	To Attend Bottom Ash Hopper Leakage.	
MSPGCL	Koyana Unit 4	75	02/02/2016	08.40	04/02/2016	02.35	injection water pipe leakage	
MSPGCL	Koradi Unit-8	660	03/02/2016	04.28		Continued.	Superheater Temp.High	
MSPGCL	Uran Unit A0	120	04/02/2016	08.48		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	04/02/2016	09.02		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 05/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	03/02/2016	13.06	04/02/2016	07.12	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	03/02/2016	17.48	04/02/2016	06.57	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	04/02/2016	16.55	05/02/2016	06.15	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	04/02/2016	17.31	04/02/2016	18.38	T	Over Voltage
Dhule Sar'Sarovar I	InterState	04/02/2016	17.31	05/02/2016	05.58	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		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/02/2016	16.32	04/02/2016	09.03	HT	Over Voltage
karad -kolhapur-I	IntraState	03/02/2016	16.47	04/02/2016	08.59	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/02/2016	17.56	04/02/2016	06.58	HT	Over Voltage
karad -kolhapur-II	IntraState	04/02/2016	16.13		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/02/2016	16.59		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/02/2016	17.01		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
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	04/02/2016	08.29	04/02/2016	18.40	PO	Insulator 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).
Hinjawadi I- Chinchwad	IntraState	25/01/2016	09.54		Continued.	PO	For Urse-Chinchwad Outage
Urse-Chinchwad	IntraState	25/01/2016	10.33	04/02/2016	19.13	PO	Lilo Arrangement.
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
Pandharpur - Hiwarwada	IntraState	03/02/2016	07.42	04/02/2016	20.35	PO	LILO arrangement for Bhadawni
Karad - Vita Ckt- II	IntraState	03/02/2016	10.36	04/02/2016	00.10	PO	Retrofitting of numerical realy
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	04/02/2016	02.20	04/02/2016	02.52	T	Distance Protection
Aarey Saki Line 1	IntraState	04/02/2016	11.02	04/02/2016	14.00	PO	Annual Maintenance Work
Valve-Jamde	IntraState	04/02/2016	11.38	04/02/2016	14.44	PO	Testing Work
Talandage - Sawantwadi I	IntraState	04/02/2016	11.48	04/02/2016	18.51	PO	Quarterly Maintainance Work
Aarey Saki Line 2	IntraState	04/02/2016	15.03	04/02/2016	17.15	PO	Annual Maintenance Work
Lamboti-Vita	IntraState	04/02/2016	18.44		Continued.	PO	Jumpering work(Trial taken at 20.28Hrs , Tripped on D/P)After opening of Jumpers Lamboti-Khanapur-karkamb line charged at 00.26Hrs/5-2-2016.
220 KV ICT Outages/Trippings							

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 04/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 05/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/33kV 100MVA ICT-II @ Shivajinagar	IntraState	03/02/2016	23.40	04/02/2016	13.27	T	Buchholz alarm received
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	04/02/2016	16.26	04/02/2016	21.57	PO	PRV Relay repl.work