

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Feb/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.976	111.976	1) Gujrat	-1.991	-1.991
2) Hydro	4.848	4.848	2) Madhya Pradesh	6.827	6.827
3) Gas	10.338	10.338	3) Chattisgarh	4.230	4.230
Total MSPGCL	127.162	127.162	4) Maharashtra Net	71.867	71.867
B) 1) APML	60.944	60.944	5) Goa (Amona)	-0.650	-0.650
2) JSWEL	24.435	24.435	6) TAPS 1&2 Injection	3.722	3.722
3) VIPL	10.103	10.103	7) RGPPL Injection	11.654	11.654
4) RPL(AMT)	22.850	22.850	8) Pench (MS)	0.594	0.594
5) WPCL	3.900	3.900	9) Pench (Excess)	-0.594	-0.594
6) Other IPP	10.267	10.267	Total	95.065	95.065
C) 1) TPCL Thermal	5.390	5.390	a) Mumbai Schedule	16.850	16.850
2) TPCL Hydro	4.767	4.767	b) Mumbai Drawl	25.136	25.136
3) TPCL Gas	4.281	4.281	c) MSEDCL Bilateral *	27.334	27.334
4) R-INFRA Thermal	11.156	11.156	Include PX	-3.348	-3.348
D) STATE			d) Mumbai Bilateral *	16.850	16.850
1) Thermal	261.021	261.021	Include PX	1.331	1.331
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	9.615	9.615	H) ENERGY CATERED (MUs)		
3) Gas	14.619	14.619	1) MSEDCL	337.168	337.168
4) Wind	6.327	6.327	2) Mumbai Discoms	50.730	50.730
6) SOLAR	1.251	1.251	TOTAL STATE	387.898	387.898
TOTAL STATE	292.833	292.833			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5024	4845	4558	4550
MSPGCL Hydro	502	228	96	85
MSPGCL Gas	458	433	452	360
MSPGCL Total Generation	5984	5506	5106	4995
Central Sector Receipt	4863	4713	4772	2343
WIND	197	54	333	348
CPP / IPP	5995	6001	5374	5242
SOLAR	115	178	0	0
Exchange with Mumbai	-1058	-1257	-1376	-645
MSEDCL DEMAND MET	16096	15195	14209	12283
Load Shedding	7	7	5	4
MSEDCL DEMAND	16103	15202	14214	12287
TPCL GENERATION	836	814	543	382
R-INFRA GENERATION	515	517	413	398
MUMBAI DEMAND	2409	2588	2332	1425
STATE DEMAND MET	18505	17783	16541	13708
STATE DEMAND	18512	17790	16546	13712
Frequency (Hz)	50.00	50.00	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 00.01 Hrs	49.79 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 01/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.58	3.58	160	140
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	13.10	13.10	660	500
Total	16.69	16.69		
Bhusawal				
Unit 2	4.05	4.05	175	160
Unit 3	4.00	4.00	170	165
Unit 4	8.76	8.76	380	350
Unit 5	8.84	8.84	385	360
Total	25.65	25.65		
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	4.10	4.10	200	164
Unit 4	4.11	4.11	190	163
Unit 5	9.09	9.09	410	369
Unit 6	9.49	9.49	420	370
Unit 7	0.00	0.00	0	0
Total	26.79	26.79		
Paras				
Unit 3	4.92	4.92	235	193
Unit 4	5.00	5.00	253	191
Total	9.92	9.92		
Khaparkheda				
Unit 1	3.80	3.80	160	150
Unit 2	3.86	3.86	165	155
Unit 3	3.90	3.90	168	158
Unit 4	3.86	3.86	164	158
Unit 5	9.76	9.76	515	355
Total	25.18	25.18		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.85	3.85	171	152
Unit 5	3.90	3.90	167	156
Total	7.74	7.74		
Uran				
All Units	10.34	10.34	481	360
Total	10.34	10.34		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.59	0.59	46	0
Total	0.59	0.59		
Koyna				
Stage 1-2	1.21	1.21	150	40
Stage 4	0.00	0.00	0	0
Stage 3	0.57	0.57	160	0
Total	1.78	1.78		
Hydro				
KDPH	0.44	0.44	19	18
VTRNA	0.28	0.28	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.30	80	0
RNGR+BHTSA	0.27	0.27	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	0.36	16	15
GHATGHAR	1.42	1.42	250	0
Total	3.06	3.06		
Wind				
Total	6.33	6.33	0	0
Total	6.33	6.33		
CPP				
APML(Mus)	60.94	60.94	0	0
JSWEL(Mus)	24.44	24.44	0	0
VIPL(Mus)	10.10	10.10	0	0
RPLAMT(Mus)	22.85	22.85	0	0
WPCL(Mus)	3.90	3.90	0	0
Other(Mus)	10.27	10.27	0	0
Total	132.50	132.50		
SOLAR				
Total	1.25	1.25	0	0
Total	1.25	1.25		
Tata				
Trombay 5	0.00	0.00	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	2.68	115	107
Trombay 7B	1.60	1.60	69	65
Trombay 8	5.39	5.39	246	200
TATA Hydro	4.77	4.77	435	0
Total	14.44	14.44		
R-INFRA				
1-2	11.16	11.16	517	397
Total	11.16	11.16		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.98	111.98
MSPGCL Thml+Gas	122.31	122.31

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.85	4.85
MSPGCL Total	127.16	127.16

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.21	1.21
State Total	292.83	292.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4565	85	381	5031	232	4978	0	2814	2779	-713	12307	5	12312	1612	13924	50.05
2	4561	90	363	5014	240	5167	0	2614	2515	-677	12259	4	12263	1484	13747	50.01
3	4550	85	360	4995	348	5242	0	2362	2343	-645	12283	4	12287	1425	13712	50.01
4	4545	96	382	5023	410	5242	0	2175	2312	-614	12373	4	12377	1395	13772	50.00
5	4530	96	374	5000	413	5250	0	2352	2313	-634	12342	4	12346	1414	13760	50.02
6	4523	91	369	4983	468	5223	0	3432	3050	-742	12982	7	12989	1522	14511	50.00
7	4536	128	458	5122	474	5272	0	4096	4027	-875	14020	7	14027	1693	15720	49.94
8	4842	441	466	5749	402	5535	12	4642	4511	-990	15219	7	15226	1885	17111	49.95
9	5000	437	481	5918	364	5889	61	4707	4558	-915	15875	7	15882	2186	18068	50.00
10	5024	502	458	5984	197	5995	115	4739	4863	-1058	16096	7	16103	2409	18512	50.00
11	5028	636	444	6108	138	5986	154	4827	4688	-1222	15852	7	15859	2588	18447	50.02
12	5006	461	444	5911	72	6000	159	4939	4729	-1266	15605	7	15612	2591	18203	50.01
13	4845	228	433	5506	54	6001	178	4833	4713	-1257	15195	7	15202	2588	17790	50.00
14	4803	221	443	5467	80	5803	192	4756	4812	-1237	15117	8	15125	2538	17663	50.06
15	4614	198	432	5244	141	5756	156	4752	4878	-1230	14945	5	14950	2575	17525	50.00
16	4575	203	444	5222	156	5780	130	4752	4851	-1193	14946	5	14951	2552	17503	49.97
17	4551	148	435	5134	211	5754	71	4766	4491	-1245	14416	10	14426	2582	17008	50.01
18	4575	91	446	5112	188	5527	23	3961	3999	-1153	13696	5	13701	2438	16139	50.00
19	4556	116	450	5122	251	5527	0	4306	4195	-1279	13816	5	13821	2536	16357	49.98
20	4557	136	438	5131	249	5533	0	4824	4440	-1274	14079	5	14084	2435	16519	50.02
21	4558	96	452	5106	333	5374	0	4489	4772	-1376	14209	5	14214	2332	16546	49.99
22	4553	87	457	5097	321	5360	0	3678	3985	-1332	13431	5	13436	2176	15612	50.03
23	4561	88	459	5108	266	5216	0	3414	3470	-1208	12852	5	12857	2000	14857	49.98
24	4518	88	469	5075	319	5091	0	2969	3771	-1001	13255	5	13260	1774	15034	50.00
MUs	111.98	4.85	10.34	127.16	6.33	132.50	1.25	95.20	95.07	-25.14	337.17	0.14	337.31	50.73	388.04	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 01/Feb/2016

Position as on 6.30 Hrs of 02/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								
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	
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.	
CPP	WPCL U-4	135	01/02/2016	17.35		Continued.	Loss of fuel	
IPP	RPL(AMT) U-4	270	01/02/2016	22.19	02/02/2016	00.02	Flame Failure	
MSPGCL	Khaparkhedha Unit 3	210	02/02/2016	00.18		Continued.	To Attend Bottom Ash Hopper Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 02/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	31/01/2016	17.15	01/02/2016	07.02	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	31/01/2016	17.20	01/02/2016	06.48	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/02/2016	15.52	02/02/2016	06.40	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/02/2016	17.16	02/02/2016	06.48	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.
Bhusawal-Aurangabad	IntraState	31/01/2016	13.11	01/02/2016	06.47	HT	Over Voltage
karad -kolhapur-II	IntraState	31/01/2016	16.08	01/02/2016	09.38	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/01/2016	16.14		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	31/01/2016	16.59	01/02/2016	18.12	T	Distance Protection R & B Ph.
Lonikand I - Koyna stage-IV	IntraState	31/01/2016	17.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/02/2016	07.10		Continued.	PO	Insulator Replacement Work.(RFC @ 17.06 Hrs)
Girwali-Solapur (Lamboti)	IntraState	01/02/2016	12.55	01/02/2016	13.19	T	Distance Protection Operated Z-I B Ph.
Chandrapur2-Parali 2 ckt1	IntraState	01/02/2016	15.26	01/02/2016	18.18	PO	To Attend Hot Spot & Oil Leakage from Main CB PAD B Ph.
Bhusawal-Aurangabad	IntraState	01/02/2016	17.20		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	01/02/2016	17.21		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							
Boisar(MS) - Boisar (PG) II	InterState	01/02/2016	00.01	01/02/2016	00.38	EO	Relay Testing Work.
Nasik Navsari II	InterState	01/02/2016	09.05	01/02/2016	18.15	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		Continued.	PO	Lilo Arrangement.
Topworth - Kharghar	IntraState	30/01/2016	09.27		Continued.	PO	Repl.of Old damaged Tower
New Koyna - Pedambe	IntraState	31/01/2016	13.40		Continued.	PO	Shifted on TBC.
Boisar(M) - Ghodbunder	IntraState	31/01/2016	23.15	01/02/2016	00.43	HT	for Outage of Boiser-Boiser(PG)-II Line to Control Load.
Boisar Versova Line	IntraState	31/01/2016	23.26	01/02/2016	00.43	HT	for Outage of Boiser-Boiser(PG)-II Line to Control Load.
Ranjangaon-Lonikand	IntraState	01/02/2016	11.19	01/02/2016	11.31	T	Distance Protection B Ph.
Pargaon(Kathapur)-Lonikand	IntraState	01/02/2016	11.19	01/02/2016	11.37	T	Distance Protection B Ph.
Chandrapur GCR - Sicom I	IntraState	01/02/2016	11.35	01/02/2016	16.30	PO	Modification in Control Relay Panel Wiring.
Kandalgaon - Topworth	IntraState	01/02/2016	13.17	01/02/2016	18.18	PO	Maintenance 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

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 01/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 02/Feb/2016

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