

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Feb/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.375	681.483	1) Gujrat	2.187	7.531
2) Hydro	14.269	75.152	2) Madhya Pradesh	11.845	69.929
3) Gas	7.510	36.714	3) Chattisgarh	7.510	40.052
Total MSPGCL	151.154	793.349	4) Maharashtra Net	133.566	705.731
B) 1) APML	45.796	229.299	5) Goa (Amona)	-0.514	-2.794
2) JSWEL	9.602	42.898	Total	154.594	820.449
3) VIPL	6.738	32.969	a) Mumbai Schedule	13.984	90.030
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	13.839	117.809
5) WPCL	3.914	20.211	c) MSEDCL Bilateral *	43.457	208.096
6) PGPL	2.488	2.488	Include PX	8.160	40.286
7) Other IPP	6.995	34.076	d) Mumbai Bilateral *	13.984	90.030
C) 1) TPCL Thermal	14.799	42.659	Include PX	4.234	35.795
2) TPCL Hydro	0.378	23.421	Include Standby	0.000	0.000
3) TPCL Gas	3.970	16.585	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.690	54.045	1) MSEDCL	375.421	1884.150
D) STATE			2) Mumbai Discoms	43.676	254.519
1) Thermal	227.909	1137.640	TOTAL STATE	419.097	2138.669
(A1+C1+C4+(B1-B6))					
2) Hydro	14.647	98.573			
(A2+C2)					
3) Gas	13.968	55.787			
(A3+B6+C3)					
4) Wind	6.717	19.951			
6) SOLAR	1.262	6.269			
TOTAL STATE	264.503	1318.220			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5720	5635	5038	5032
MSPGCL Hydro	1181	1184	369	179
MSPGCL Gas	310	297	318	320
MSPGCL Total Generation	7211	7116	5725	5531
Central Sector Receipt	7496	7412	6510	5541
WIND	198	161	340	400
CPP / IPP Thermal	3095	3091	3032	2806
CPP / IPP Gas	233	232	0	0
SOLAR	180	165	2	0
Exchange with Mumbai	-643	-668	-789	-702
MSEDCL DEMAND MET	17770	17509	14820	13576
Load Shedding	0	0	0	0
MSEDCL DEMAND	17770	17509	14820	13576
TPCL GENERATION	929	879	804	666
R-INFRA GENERATION	506	509	385	387
MUMBAI DEMAND	2078	2056	1978	1755
STATE DEMAND MET	19848	19565	16798	15331
STATE DEMAND	19848	19565	16798	15331
Frequency (Hz)	49.98	49.94	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 14:02 Hrs	49.8 Hz at 12:24 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 05/Feb/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.73	9.31	160	145
Unit 8	12.35	64.82	545	460
Unit 9	0.00	0.00	0	0
Unit 10	10.93	56.83	595	385
Total	27.01	130.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.36	54.99	510	350
Unit 5	11.30	54.72	510	360
Total	22.66	109.72		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.51	26.18	248	147
Unit 7	5.61	27.15	252	191
Unit 8	0.00	0.00	0	0
Total	11.12	53.33		
Chandrapur				
Unit 3	4.65	23.08	199	170
Unit 4	4.65	23.04	198	176
Unit 5	10.37	51.28	440	370
Unit 6	0.00	24.25	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.24	42.17	240	0
Unit 9	11.13	54.19	488	386
Total	31.04	218.00		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.90	27.19	252	0
Total	4.90	27.19		
Khaparkheda				
Unit 1	4.22	21.18	190	160
Unit 2	4.26	21.12	200	160
Unit 3	0.85	15.95	165	0
Unit 4	4.17	20.74	188	158
Unit 5	10.44	19.64	500	375
Total	23.94	98.62		
Nasik				
Unit 3	4.36	21.84	200	160
Unit 4	0.00	0.00	0	0
Unit 5	4.35	21.82	202	163
Total	8.71	43.66		
Uran				
All Units	7.51	36.71	335	297
Total	7.51	36.71		
PGPL				
Unit 1	1.48	1.48	141	0
Unit 2	1.00	1.00	95	0
Total	2.49	2.49		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.53	2.04	47	0
Total	0.53	2.04		
Koyna				
Stage 1-2	3.06	16.71	390	40
Stage 4	3.78	20.63	630	0
Stage 3	1.41	7.94	160	0
Total	8.25	45.28		
Hydro				
KDPH	0.89	4.39	37	37
VTRNA	1.42	6.29	60	59
TILLARI	0.49	2.41	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	1.55	80	0
RNGR+BHTSA	0.00	1.03	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.75	2.95	41	28
GHATGHAR	2.26	11.25	250	0
Total	6.02	29.87		
Wind				
Total	6.72	19.95	0	0
Total	6.72	19.95		
CPP				
APML(Mus)	45.80	229.30	0	0
JSWEL(Mus)	9.60	42.90	0	0
VIPL(Mus)	6.74	32.97	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.91	20.21	0	0
Other(Mus)	7.00	34.08	0	0
Total	73.04	359.45		
SOLAR				
Total	1.26	6.27	0	0
Total	1.26	6.27		
Tata				
Trombay 5	9.40	15.95	488	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.47	9.95	115	79
Trombay 7B	1.50	6.63	67	55
Trombay 8	5.40	26.71	251	201
TATA Hydro	0.38	23.42	110	2
Total	19.15	82.66		
R-INFRA				
1-2	10.69	54.04	511	385
Total	10.69	54.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.38	681.48	MSPGCL Total	151.15	793.35
			MSPGCL Thml+Gas	136.88	718.20	Koyna 1,2 & 4 Total	6.84	37.34
			MSPGCL Hydro	14.27	75.15	State Total	264.50	1318.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Feb/2017

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			THM	GAS										
1	5629	165	312	6106	288	3096	0	0	5662	5774	-668	14596	0	14596	1703	16299	49.99
2	5346	165	322	5833	257	3118	0	0	5761	5649	-565	14292	0	14292	1602	15894	49.98
3	5365	170	314	5849	218	3098	0	0	5737	5587	-470	14282	0	14282	1508	15790	50.02
4	5389	170	319	5878	328	3094	0	0	5736	5305	-425	14180	0	14180	1461	15641	50.01
5	5408	165	321	5894	368	3108	26	0	5612	5607	-434	14569	0	14569	1473	16042	49.99
6	5466	372	320	6158	376	3090	75	0	5737	5898	-452	15145	0	15145	1563	16708	50.00
7	5374	848	312	6534	282	3077	141	0	6212	6430	-277	16187	0	16187	1652	17839	50.03
8	5468	1087	321	6876	165	3085	214	6	6799	6900	-287	16958	27	16986	1726	18712	49.96
9	5612	1241	335	7188	237	3103	232	56	6929	7211	-300	17727	27	17754	1810	19564	49.98
10	5720	1180	302	7202	252	3095	232	111	6581	6754	-549	17097	0	17097	1987	19084	49.99
11	5787	1068	307	7162	222	3092	232	149	6722	6882	-587	17152	0	17152	2058	19210	49.99
12	5720	1181	310	7211	198	3095	233	180	7216	7496	-643	17770	0	17770	2078	19848	49.98
13	5635	1184	297	7116	161	3091	232	165	7221	7412	-668	17509	0	17509	2056	19565	49.94
14	5562	964	313	6839	147	3079	232	185	7169	7359	-557	17284	0	17284	1943	19227	50.02
15	5506	885	298	6689	192	3078	232	165	7097	7165	-497	17024	0	17024	1883	18907	50.01
16	5549	769	310	6628	186	3082	232	133	7070	7321	-456	17126	0	17126	1842	18968	49.97
17	5553	469	311	6333	197	3062	161	82	6648	7061	-401	16495	0	16495	1816	18311	49.98
18	5485	418	301	6204	224	3067	14	28	6348	6520	-456	15601	0	15601	1826	17427	49.99
19	5038	369	318	5725	340	3032	0	2	6492	6510	-789	14820	0	14820	1978	16798	49.99
20	5007	372	301	5680	369	2991	0	0	6574	6610	-989	14661	0	14661	2074	16735	49.98
21	4906	233	312	5451	445	2955	0	0	6530	6380	-1007	14224	0	14224	2093	16317	49.98
22	4807	420	313	5540	434	2832	0	0	5587	5720	-844	13682	0	13682	1912	15594	50.01
23	5011	195	321	5527	431	2819	0	0	5579	5502	-816	13463	0	13463	1877	15340	50.00
24	5032	179	320	5531	400	2806	0	0	5585	5541	-702	13576	0	13576	1755	15331	50.03
MUs	129.38	14.27	7.51	151.15	6.72	73.05	2.49	1.26	152.60	154.59	-13.84	375.42	0.05	375.47	43.68	419.15	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 05/Feb/2017

Position as on 6.30 Hrs of 06/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Feb/2017

Position as on 6.30 Hrs of 06/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U1	262	13/01/2017	19.15	05/02/2017	03.59	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15	05/02/2017	04.57	No schedule.	
MSPGCL	Koyana Unit 8	80	26/01/2017	07.50	05/02/2017	22.50	Installation Of Numerical Relay.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	
MSPGCL	Chandrapur Unit 6	500	03/02/2017	20.25		Continued.	GTR Y Phase DGA Report poor.	
MSPGCL	Khaparkheda Unit 3	210	04/02/2017	10.26	05/02/2017	17.27	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	05/02/2017	00.13		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	05/02/2017	05.40	05/02/2017	08.07	Furnace Pressure High	
PGPL	PGPL U1	262	05/02/2017	17.15	06/02/2017	04.00	Zero Schedule.	
PGPL	PGPL U2	126	05/02/2017	17.15	06/02/2017	04.51	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 06/Feb/2017

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 II	InterState	04/02/2017	09.32	05/02/2017	06.21	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	05/02/2017	09.13		Continued.	PO	Bunching Of Conductor At LOC No 86 Disconnecting Of Jumper.
Dhule Sar'Sarovar II	InterState	05/02/2017	17.13		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	03/02/2017	05.16	05/02/2017	12.49	T	Distance Protection R Ph.
Karad-Jaigad - I	IntraState	04/02/2017	16.49	05/02/2017	10.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/02/2017	17.33	05/02/2017	06.59	HT	Over Voltage
Padghe - Kalwa-II	IntraState	05/02/2017	08.24	05/02/2017	19.25	PO	SSN To DSN Work
karad -kolhapur-I	IntraState	05/02/2017	16.35		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/02/2017	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/02/2017	18.01	06/02/2017	06.06	HT	Over Voltage
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	03/02/2017	05.17		Continued.	T	Distance protection(Line charged from Mudshingi end only at 22.10Hrs Dt. 04-02-2017, Breaker problem at Chikodi 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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	02/02/2017	15.20		Continued.	PO	Routine Maintenance Work
Trombay - Mulund	IntraState	05/02/2017	00.10	05/02/2017	0045	PO	Line shifting from stub bus to main bus.
Loteparshuram- Dasturi Line	IntraState	05/02/2017	05.14	05/02/2017	08.30	T	Distance Protection
Adlabs - Pedambe	IntraState	05/02/2017	05.48	05/02/2017	18.10	T	Distance Protection
Mahad - Pedambe	IntraState	05/02/2017	05.51	05/02/2017	18.12	T	Distance Protection
Kandalgaon - Koyna	IntraState	05/02/2017	06.00	05/02/2017	16.50	T	Distance Protection
Kalwa - Borivali	IntraState	05/02/2017	09.02	05/02/2017	13.41	PO	Contruction Work.
Tata Borivli MSETCL Borivli 5	IntraState	05/02/2017	09.30	05/02/2017	15.13	PO	Tree Trimming 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 Cgl Ict 1 @Virur	IntraState	26/06/2016	19.25		Continued.	HT	Abnormal Sound Observed.
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.

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