

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jan/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.150	137.150	1) Gujrat	-1.755	-1.755
2) Hydro	8.991	8.991	2) Madhya Pradesh	7.370	7.370
3) Gas	7.180	7.180	3) Chattisgarh	7.780	7.780
Total MSPGCL	153.321	153.321	4) Maharashtra Net	104.951	104.951
B) 1) APML	48.568	48.568	5) Goa (Amona)	-0.510	-0.510
2) JSWEL	8.875	8.875	Total	117.836	117.836
3) VIPL	7.225	7.225	a) Mumbai Schedule	11.071	11.071
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	12.965	12.965
5) WPCL	3.905	3.905	c) MSEDCL Bilateral *	30.377	30.377
6) PGPL	0.000	0.000	Include PX	1.297	1.297
7) Other IPP	9.548	9.548	d) Mumbai Bilateral *	11.071	11.071
C) 1) TPCL Thermal	14.086	14.086	Include PX	0.830	0.830
2) TPCL Hydro	0.319	0.319	Include Standby	0.000	0.000
3) TPCL Gas	4.356	4.356	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.351	10.351	1) MSEDCL	339.659	339.659
D) STATE			2) Mumbai Discoms	42.077	42.077
1) Thermal	239.708	239.708	TOTAL STATE	381.736	381.736
(A1+C1+C4+(B1-B6))					
2) Hydro	9.310	9.310			
(A2+C2)					
3) Gas	11.536	11.536			
(A3+B6+C3)					
4) Wind	2.228	2.228			
6) SOLAR	1.118	1.118			
TOTAL STATE	263.900	263.900			

* 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 23 Hrs
MSPGCL Thermal	6395	6340	5329	5346
MSPGCL Hydro	843	874	565	80
MSPGCL Gas	306	285	300	306
MSPGCL Total Generation	7544	7499	6194	5732
Central Sector Receipt	6397	6264	4708	3401
WIND	38	40	193	125
CPP / IPP Thermal	3447	3445	3105	3061
CPP / IPP Gas	0	0	0	0
SOLAR	98	182	0	0
Exchange with Mumbai	-362	-482	-941	-821
MSEDCL DEMAND MET	17162	16948	13259	11498
Load Shedding	0	0	0	0
MSEDCL DEMAND	17162	16948	13259	11498
TPCL GENERATION	916	907	723	696
R-INFRA GENERATION	510	509	385	386
MUMBAI DEMAND	1788	1898	2049	1903
STATE DEMAND MET	18950	18846	15308	13401
STATE DEMAND	18950	18846	15308	13401
Frequency (Hz)	49.95	49.97	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 17.06 Hrs	49.79 Hz at 08.41 Hrs	49.98	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/Jan/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	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	10.50	10.50	455	401
Total	10.50	10.50		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.08	10.08	505	350
Unit 5	10.08	10.08	510	360
Total	20.16	20.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.14	5.14	250	198
Unit 7	5.16	5.16	252	191
Unit 8	0.00	0.00	0	0
Total	10.30	10.30		
Chandrapur				
Unit 3	4.30	4.30	199	164
Unit 4	4.32	4.32	193	167
Unit 5	9.54	9.54	455	360
Unit 6	9.51	9.51	445	350
Unit 7	9.20	9.20	417	350
Unit 8	9.99	9.99	500	361
Unit 9	9.45	9.45	447	356
Total	56.30	56.30		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.25	5.25	254	194
Total	5.25	5.25		
Khaparkheda				
Unit 1	4.14	4.14	185	160
Unit 2	4.06	4.06	180	160
Unit 3	4.29	4.29	203	165
Unit 4	4.17	4.17	190	160
Unit 5	9.98	9.98	500	368
Total	26.66	26.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.97	3.97	170	162
Unit 5	4.01	4.01	170	164
Total	7.98	7.98		
Uran				
All Units	7.18	7.18	320	281
Total	7.18	7.18		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.34	0.34	41	0
Total	0.34	0.34		
Koyna				
Stage 1-2	3.11	3.11	390	40
Stage 4	1.65	1.65	250	0
Stage 3	0.89	0.89	80	0
Total	5.65	5.65		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.45	0.45	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.12	40	0
RNGR+BHTSA	0.36	0.36	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	0.44	28	15
GHATGHAR	1.97	1.97	250	0
Total	3.34	3.34		
Wind				
Total	2.23	2.23	0	0
Total	2.23	2.23		
CPP				
APML(Mus)	48.57	48.57	0	0
JSWEL(Mus)	8.88	8.88	0	0
VIPL(Mus)	7.22	7.22	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.90	3.90	0	0
Other(Mus)	9.55	9.55	0	0
Total	78.12	78.12		
SOLAR				
Total	1.12	1.12	0	0
Total	1.12	1.12		
Tata				
Trombay 5	8.86	8.86	468	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	2.76	116	114
Trombay 7B	1.60	1.60	67	65
Trombay 8	5.23	5.23	250	200
TATA Hydro	0.32	0.32	102	0
Total	18.76	18.76		
R-INFRA				
1-2	10.35	10.35	510	385
Total	10.35	10.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	0.00	0.00	MSPGCL Thermal	137.15	137.15	MSPGCL Total	153.32	153.32
			MSPGCL Thml+Gas	144.33	144.33	Koyna 1,2 & 4 Total	4.76	4.76
			MSPGCL Hydro	8.99	8.99	State Total	263.90	263.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jan/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	5268	421	302	5991	99	3048	0	0	3563	3505	-614	12029	0	12029	1718	13747	49.94
2	5252	101	310	5663	117	3019	0	0	3857	4008	-491	12316	0	12316	1575	13891	50.01
3	5240	71	300	5611	95	3025	0	0	3918	3717	-435	12013	0	12013	1518	13531	49.99
4	5230	81	310	5621	110	3037	0	0	3916	3716	-376	12108	0	12108	1458	13566	49.97
5	5240	86	300	5626	88	3031	0	0	4231	3922	-365	12302	0	12302	1455	13757	49.95
6	5249	97	320	5666	80	3096	0	0	4729	4702	-418	13126	0	13126	1503	14629	49.93
7	5378	151	302	5831	56	3349	0	0	5606	5263	-415	14084	0	14084	1545	15629	49.95
8	6208	403	312	6923	62	3423	0	8	5611	5898	-331	15983	0	15983	1582	17565	49.94
9	6383	571	312	7266	53	3443	0	52	5926	5975	-263	16526	0	16526	1648	18174	49.95
10	6395	843	306	7544	38	3447	0	98	6173	6397	-362	17162	0	17162	1788	18950	49.95
11	6323	803	288	7414	33	3464	0	140	6225	6252	-434	16869	0	16869	1858	18727	49.97
12	6343	952	302	7597	30	3457	0	173	6255	6230	-511	16976	0	16976	1921	18897	49.96
13	6340	874	285	7499	40	3445	0	182	5993	6264	-482	16948	0	16948	1898	18846	49.97
14	6341	785	284	7410	33	3436	0	156	5778	5915	-430	16520	0	16520	1828	18348	49.99
15	6321	551	292	7164	25	3433	0	143	5632	5762	-373	16154	0	16154	1780	17934	50.00
16	6294	405	281	6980	73	3418	0	102	5636	5839	-335	16077	0	16077	1741	17818	50.00
17	6062	225	281	6568	79	3435	0	56	5668	5527	-461	15204	0	15204	1726	16930	50.03
18	5344	92	292	5728	135	3438	0	8	5181	4865	-674	13500	0	13500	1757	15257	50.03
19	5314	355	290	5959	170	3287	0	0	4779	4699	-881	13234	0	13234	1965	15199	50.01
20	5329	565	300	6194	193	3105	0	0	4383	4708	-941	13259	0	13259	2049	15308	49.99
21	5307	267	303	5877	229	3095	0	0	4183	4127	-901	12427	0	12427	2040	14467	49.97
22	5323	137	296	5756	180	3066	0	0	3834	3664	-934	11732	0	11732	2019	13751	50.04
23	5346	80	306	5732	125	3061	0	0	3547	3401	-821	11498	0	11498	1903	13401	50.02
24	5320	75	306	5701	85	3069	0	0	3356	3480	-717	11618	0	11618	1802	13420	50.01
MUs	137.15	8.99	7.18	153.32	2.23	78.12	0.00	1.12	117.98	117.84	-12.96	339.66	0.00	339.66	42.08	381.74	49.98

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/Jan/2017

Position as on 6.30 Hrs of 02/Jan/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	Koradi Unit-8	660	12/12/2016	23.59		Continued.	Annual Overhaul	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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.	
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Jan/2017

Position as on 6.30 Hrs of 02/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 7	210	19/12/2016	21.52		Continued.	Zero Schedule BY MSEDCL	
MSPGCL	Koradi Unit 10	660	29/12/2016	04.54		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	31/12/2016	06.33		Continued.	Gas shortage	
PGPL	PGPL U2	126	31/12/2016	19.15		Continued.	No Schedule	
PGPL	PGPL U1	262	31/12/2016	19.15		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 02/Jan/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							
Kolhapur Solapur(PG) I	InterState	31/12/2016	09.00		Continued.	PO	For Lilo At Alkud S/Stn.
Dhule Sar'Sarovar II	InterState	31/12/2016	17.16	01/01/2017	09.00	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	01/01/2017	17.24	02/01/2017	06.25	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/12/2016	16.51	01/01/2017	08.57	HT	Over Voltage
karad -kolhapur-I	IntraState	31/12/2016	19.35	01/01/2017	09.12	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/12/2016	19.40	01/01/2017	09.17	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/12/2016	21.18	01/01/2017	08.56	HT	Over Voltage
karad -kolhapur-I	IntraState	01/01/2017	16.41		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/01/2017	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/01/2017	17.19	02/01/2017	06.17	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/01/2017	17.26	02/01/2017	06.41	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	30/12/2016	08.55	01/01/2017	18.24	PO	Diagnostic Testing And Maintenance Work.
220 KV LINE Outages/Trippings							
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.
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53	01/01/2017	16.51	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
Padgha - Temghar I	IntraState	30/12/2016	08.44	01/01/2017	18.47	HT	On trolling ICT At Padgha.
Padgha-Temghar-II	IntraState	30/12/2016	08.44	01/01/2017	18.46	HT	On trolling ICT At Padgha.
Kharghar - Nerul	IntraState	31/12/2016	11.30		Continued.	PO	High AMP Conductor Repalcement.
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 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augmentation Work(Outage for 3 Months).
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	27/12/2016	17.30		Continued.	PO	Testing Work
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.

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