

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jan/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.601	1335.661	1) Gujrat	0.445	-5.977
2) Hydro	22.953	165.184	2) Madhya Pradesh	13.055	90.163
3) Gas	11.069	98.405	3) Chattisgarh	9.600	82.010
Total MSPGCL	152.623	1599.250	4) Maharashtra Net	124.731	1146.604
B) 1) APML	46.297	497.399	5) Goa (Amona)	-0.646	-6.974
2) JSWEL	9.725	92.484	Total	147.185	1305.826
3) VIPL	6.112	64.585	a) Mumbai Schedule	18.457	151.836
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.142	210.102
5) WPCL	2.710	37.023	c) MSEDCL Bilateral *	35.895	333.731
6) PGPL	2.967	15.011	Include PX	5.178	30.104
7) Other IPP	8.873	90.420	d) Mumbai Bilateral *	18.457	151.836
C) 1) TPCL Thermal	5.308	79.435	Include PX	5.922	43.170
2) TPCL Hydro	6.625	50.355	Include Standby	0.000	0.000
3) TPCL Gas	3.487	38.096	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.492	104.228	1) MSEDCL	359.870	3544.085
D) STATE			2) Mumbai Discoms	48.055	482.216
1) Thermal	208.118	2301.235	TOTAL STATE	407.925	4026.301
(A1+C1+C4+(B1-B6))					
2) Hydro	29.578	215.539			
(A2+C2)					
3) Gas	17.523	151.512			
(A3+B6+C3)					
4) Wind	4.300	40.188			
6) SOLAR	1.220	12.001			
TOTAL STATE	260.739	2720.475			

* 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	5060	5165	4918	4358
MSPGCL Hydro	2240	2001	941	85
MSPGCL Gas	474	457	435	468
MSPGCL Total Generation	7774	7623	6294	4911
Central Sector Receipt	7349	6858	6411	5225
WIND	91	34	254	278
CPP / IPP Thermal	3168	3165	3014	2898
CPP / IPP Gas	232	232	16	0
SOLAR	103	179	0	0
Exchange with Mumbai	-968	-1072	-1261	-593
MSEDCL DEMAND MET	17749	17018	14727	12719
Load Shedding	140	212	0	0
MSEDCL DEMAND	17889	17230	14727	12719
TPCL GENERATION	877	873	746	320
R-INFRA GENERATION	505	508	385	385
MUMBAI DEMAND	2350	2453	2392	1298
STATE DEMAND MET	20099	19471	17119	14017
STATE DEMAND	20239	19683	17119	14017
Frequency (Hz)	49.96	49.94	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 06.04 Hrs	49.72 Hz at 18.22 Hrs	49.97	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 10/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	2.61	2.61	170	0
Unit 8	0.00	0.00	0	0
Unit 9	13.06	119.31	630	479
Total	15.66	121.92		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	75.86	0	0
Unit 5	10.49	100.78	510	360
Total	10.49	176.64		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.32	50.52	250	181
Unit 7	5.32	51.76	252	191
Unit 8	0.00	0.00	0	0
Total	10.64	102.28		
Chandrapur				
Unit 3	4.41	44.06	200	167
Unit 4	4.46	43.13	200	172
Unit 5	9.87	97.02	460	351
Unit 6	0.00	83.88	0	0
Unit 7	9.34	91.93	427	345
Unit 8	10.62	102.78	500	374
Unit 9	5.82	60.33	486	0
Total	44.52	523.12		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.19	51.96	251	170
Total	5.19	51.96		
Khaparkheda				
Unit 1	4.11	41.54	185	150
Unit 2	4.16	40.98	200	160
Unit 3	4.39	38.50	203	160
Unit 4	0.00	36.61	0	0
Unit 5	10.38	102.70	500	375
Total	23.03	260.32		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.26	40.68	203	162
Unit 5	3.18	39.52	195	71
Total	7.43	80.20		
Uran				
All Units	11.07	98.40	482	435
Total	11.07	98.40		
PGPL				
Unit 1	1.78	9.08	141	0
Unit 2	1.18	5.93	92	0
Total	2.97	15.01		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.45	5.58	52	0
Total	0.45	5.58		
Koyna				
Stage 1-2	5.50	41.19	545	40
Stage 4	9.56	61.80	996	0
Stage 3	3.41	19.97	240	0
Total	18.47	122.96		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.44	4.43	59	0
TILLARI	0.49	2.34	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	2.94	80	0
RNGR+BHTSA	0.36	3.10	15	14
BHANDARDRA	0.46	2.30	28	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.49	5.90	28	17
GHATGHAR	1.89	19.86	250	0
Total	4.49	42.23		
Wind				
Total	4.30	40.19	0	0
Total	4.30	40.19		
CPP				
APML(Mus)	46.30	497.40	0	0
JSWEL(Mus)	9.72	92.48	0	0
VIPL(Mus)	6.11	64.58	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.71	37.02	0	0
Other(Mus)	8.87	90.42	0	0
Total	73.72	781.91		
SOLAR				
Total	1.22	12.00	0	0
Total	1.22	12.00		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.12	23.47	115	63
Trombay 7B	1.37	14.63	67	48
Trombay 8	5.31	53.05	250	199
TATA Hydro	6.62	50.36	459	0
Total	15.42	167.89		
R-INFRA				
1-2	10.49	104.23	510	385
Total	10.49	104.23		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	1.63	19.23

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.60	1335.66
MSPGCL Thml+Gas	129.67	1434.07
MSPGCL Hydro	22.95	165.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	152.62	1599.25
Koyna 1,2 & 4 Total	15.06	102.99
State Total	260.74	2720.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4420	90	468	4978	294	3111	0	0	4871	5158	-846	12695	0	12695	1541	14236	50.00
2	4408	290	462	5160	173	2981	0	0	4648	5066	-694	12686	0	12686	1409	14095	49.98
3	4406	140	477	5023	216	2925	0	0	4970	5164	-624	12704	0	12704	1342	14046	49.94
4	4358	85	468	4911	278	2898	0	0	4989	5225	-593	12719	0	12719	1298	14017	49.97
5	4380	125	478	4983	310	3031	26	0	5059	5520	-622	13248	0	13248	1322	14570	49.97
6	4901	211	469	5581	368	3084	67	0	5337	5681	-739	14041	0	14041	1458	15499	49.97
7	5391	603	482	6476	347	3138	148	0	5879	5855	-858	15106	0	15106	1696	16802	49.99
8	5236	1525	464	7225	266	3167	213	6	6327	6866	-625	17118	154	17272	1867	19139	49.96
9	5036	1950	470	7456	145	3148	231	53	6891	7133	-714	17452	273	17725	2072	19797	50.00
10	5060	2240	474	7774	91	3168	232	103	7020	7349	-968	17749	140	17889	2350	20239	49.96
11	5137	2260	455	7852	58	3165	232	152	7083	7266	-1094	17631	103	17734	2486	20220	49.98
12	5104	2234	469	7807	25	3153	232	178	6989	7261	-1148	17507	145	17652	2513	20165	50.00
13	5165	2001	457	7623	34	3165	232	179	6965	6858	-1072	17018	212	17230	2453	19683	49.94
14	5164	1536	453	7153	58	3145	232	190	7025	6965	-971	16771	219	16990	2297	19287	50.01
15	5258	1392	444	7094	57	3111	232	146	7090	7038	-978	16699	89	16788	2319	19107	49.97
16	5359	1182	443	6984	83	3145	232	122	7293	7282	-921	16927	0	16927	2308	19235	49.91
17	5515	1357	451	7323	79	3134	233	76	6323	6527	-940	16432	0	16432	2329	18761	49.90
18	5043	648	453	6144	114	3104	232	15	6073	6238	-1106	14741	0	14741	2325	17066	49.92
19	4852	853	442	6147	200	3047	178	0	6205	6301	-1192	14681	0	14681	2399	17080	49.92
20	4918	941	435	6294	254	3014	16	0	6370	6411	-1261	14727	0	14727	2392	17119	50.00
21	4858	436	451	5745	265	3022	0	0	5684	5653	-1146	13539	0	13539	2261	15800	49.99
22	4858	422	462	5742	209	3027	0	0	4933	4849	-1041	12786	0	12786	2087	14873	49.98
23	4866	136	477	5479	179	2933	0	0	4913	4866	-1042	12415	0	12415	1865	14280	49.97
24	4908	296	465	5669	197	2904	0	0	4589	4648	-947	12471	0	12471	1665	14136	50.03
MUs	118.60	22.95	11.07	152.62	4.30	73.72	2.97	1.22	143.53	147.18	-22.14	359.87	1.34	361.20	48.05	409.25	49.97

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 10/Jan/2017

Position as on 6.30 Hrs of 11/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	
TPC-G	Trombay 5	500	03/01/2017	21.49		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 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Jan/2017

Position as on 6.30 Hrs of 11/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	19/12/2016	21.52	10/01/2017	04.35	Zero Schedule BY MSEDCL	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	05/01/2017	19.15	10/01/2017	04.00	Withdrawal due to No Schedule.	
PGPL	PGPL U2	126	05/01/2017	19.16	10/01/2017	04.58	Withdrawal due to No Schedule.	
MSPGCL	Bhusawal Unit 4	500	08/01/2017	09.21	11/01/2017	03.09	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	09/01/2017	18.15	10/01/2017	15.33	BOILER FEED SECTION PRESSURE LOW.	
MSPGCL	Chandrapur Unit 6	500	09/01/2017	19.25		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	21.56		Continued.	POSITIVE SIDE ROTER TRIPPED.	
CPP	WPCL U-3	135	10/01/2017	02.22	11/01/2017	01.03	ID Fan Problem	
MSPGCL	Chandrapur Unit 9	500	10/01/2017	07.28	10/01/2017	14.05	Dearator Level Low	
PGPL	PGPL U1	262	10/01/2017	19.15	11/01/2017	03.59	No Schedule	
PGPL	PGPL U2	126	10/01/2017	19.16	11/01/2017	05.07	No Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 11/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							
Dhule Sar'Sarovar II	InterState	09/01/2017	18.03	10/01/2017	06.30	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	10/01/2017	09.33	10/01/2017	10.11	T	Breaker tripped at Akola end
Akola Aurangabad(PG) II	InterState	10/01/2017	13.30	10/01/2017	15.19	T	Breaker tripped at Akola end
Dhule Sar'Sarovar I	InterState	10/01/2017	18.14		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	09/01/2017	10.18	10/01/2017	09.02	PO	Quarterly Maintainance Work
karad -kolhapur-I	IntraState	09/01/2017	17.03		Continued.	HT	Over Voltage (Trial Taken at 09.44Hrs Dt.10-1-2017 but tripped on D/P) RFC at 17.15Hrs.
Jaigad-Karad Ckt-II	IntraState	09/01/2017	17.45	10/01/2017	09.33	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/01/2017	17.56	10/01/2017	06.33	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/01/2017	17.22	11/01/2017	05.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/01/2017	17.36		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	11/01/2017	05.01		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	09/01/2017	23.10	10/01/2017	05.01	T	NDR Operated
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.
Dahanu Versova	IntraState	10/01/2017	06.03	10/01/2017	10.50	PO	Quarterly Maintainance Work
Vankuswade - Kdph	IntraState	10/01/2017	12.20	10/01/2017	16.30	PO	Line Maintenance work
Nasik - Raymond	IntraState	10/01/2017	14.12	10/01/2017	14.31	T	Tripped at Raymond end only
Pophali - Kdph	IntraState	10/01/2017	18.39		Continued.	T	Distance Protection
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	Augumentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	10/01/2017	10.30	10/01/2017	12.48	PO	Quarterly Maintainance Work
220/100 Kv 100 Mva Cgl Ict 2 @Tambati	IntraState	10/01/2017	10.35	10/01/2017	18.35	PO	Testing Work
220/132KV 100MVA -1@Alephata	IntraState	10/01/2017	13.00	10/01/2017	20.42	PO	CT replacement work

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