

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jan/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.326	1762.910	1) Gujrat	-0.349	-6.253
2) Hydro	15.048	199.068	2) Madhya Pradesh	10.217	120.279
3) Gas	10.909	131.061	3) Chattisgarh	8.480	106.440
Total MSPGCL	162.283	2093.039	4) Maharashtra Net	109.696	1488.099
B) 1) APML	49.056	638.127	5) Goa (Amona)	-0.602	-8.800
2) JSWEL	8.946	120.407	Total	127.442	1699.765
3) VIPL	6.038	82.587	a) Mumbai Schedule	14.460	199.291
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.026	276.132
5) WPCL	4.028	49.463	c) MSEDCL Bilateral *	28.115	436.775
6) PGPL	3.026	24.068	Include PX	1.207	39.332
7) Other IPP	8.421	115.315	d) Mumbai Bilateral *	14.460	199.291
C) 1) TPCL Thermal	5.346	95.300	Include PX	1.976	52.684
2) TPCL Hydro	5.732	68.065	Include Standby	0.000	0.000
3) TPCL Gas	3.835	48.709	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.069	134.177	1) MSEDCL	353.273	4614.252
D) STATE			2) Mumbai Discoms	47.008	622.383
1) Thermal	228.230	2998.286	TOTAL STATE	400.281	5236.635
(A1+C1+C4+(B1-B6))					
2) Hydro	20.780	267.133			
(A2+C2)					
3) Gas	17.770	203.838			
(A3+B6+C3)					
4) Wind	4.894	51.989			
6) SOLAR	1.165	15.624			
TOTAL STATE	272.839	3536.870			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6036	6134	4982	5597
MSPGCL Hydro	2004	954	440	114
MSPGCL Gas	459	451	448	470
MSPGCL Total Generation	8499	7539	5870	6181
Central Sector Receipt	6181	6510	6318	3516
WIND	113	90	215	162
CPP / IPP Thermal	3349	3356	3280	2947
CPP / IPP Gas	233	233	15	0
SOLAR	145	177	0	0
Exchange with Mumbai	-1075	-1036	-1251	-547
MSEDCL DEMAND MET	17445	16869	14447	12259
Load Shedding	0	0	0	0
MSEDCL DEMAND	17445	16869	14447	12259
TPCL GENERATION	879	891	709	316
R-INFRA GENERATION	507	509	386	386
MUMBAI DEMAND	2461	2436	2346	1249
STATE DEMAND MET	19906	19305	16793	13508
STATE DEMAND	19906	19305	16793	13508
Frequency (Hz)	49.97	49.93	50.00	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 17.01 Hrs	49.79 Hz at 07.15 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 13/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	3.84	14.09	170	145
Unit 8	0.00	0.00	0	0
Unit 9	6.24	148.00	640	0
Total	10.09	162.08		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.10	103.46	510	350
Unit 5	10.15	131.13	510	360
Total	20.24	234.59		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	66.48	250	187
Unit 7	5.20	67.81	256	184
Unit 8	0.00	0.00	0	0
Total	10.40	134.30		
Chandrapur				
Unit 3	4.38	57.32	200	164
Unit 4	4.42	56.43	197	174
Unit 5	9.52	126.17	440	360
Unit 6	9.69	99.21	455	348
Unit 7	0.00	109.78	0	0
Unit 8	8.83	131.52	400	350
Unit 9	6.39	85.99	404	0
Total	43.23	666.43		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.25	67.58	252	190
Total	5.25	67.58		
Khaparkheda				
Unit 1	3.98	53.70	185	150
Unit 2	4.15	53.40	195	160
Unit 3	4.33	51.33	203	165
Unit 4	0.00	36.61	0	0
Unit 5	10.15	132.91	500	375
Total	22.60	327.97		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.16	52.95	202	161
Unit 5	4.13	51.73	197	162
Total	8.30	104.68		
Uran				
All Units	10.91	131.06	477	422
Total	10.91	131.06		
PGPL				
Unit 1	1.80	14.50	140	0
Unit 2	1.22	9.57	95	0
Total	3.03	24.07		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.56	7.19	52	0
Total	0.56	7.19		
Koyna				
Stage 1-2	2.30	46.91	280	40
Stage 4	4.99	71.52	943	0
Stage 3	1.96	23.37	240	0
Total	9.25	141.80		
Hydro				
KDPH	0.49	1.84	36	0
VTRNA	0.46	5.79	59	0
TILLARI	0.49	3.85	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	4.08	80	0
RNGR+BHTSA	0.35	4.16	15	14
BHANDARDRA	0.45	3.66	27	14
ELDARY	0.28	0.28	12	10
SMLHY_PTN	0.67	7.92	31	27
GHATGHAR	2.21	25.68	250	0
Total	5.80	57.26		
Wind				
Total	4.89	51.99	0	0
Total	4.89	51.99		
CPP				
APML(Mus)	49.06	638.13	0	0
JSWEL(Mus)	8.95	120.41	0	0
VIPL(Mus)	6.04	82.59	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.03	49.46	0	0
Other(Mus)	8.42	115.32	0	0
Total	76.49	1005.90		
SOLAR				
Total	1.16	15.62	0	0
Total	1.16	15.62		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.37	29.93	115	64
Trombay 7B	1.46	18.78	67	49
Trombay 8	5.35	68.92	250	200
TATA Hydro	5.73	68.06	459	16
Total	14.91	212.07		
R-INFRA				
1-2	10.07	134.18	509	385
Total	10.07	134.18		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	16.22	65.29	MSPGCL Thermal	136.33	1762.91	MSPGCL Total	162.28	2093.04
			MSPGCL Thml+Gas	147.24	1893.97	Koyna 1,2 & 4 Total	7.28	118.44
			MSPGCL Hydro	15.05	199.07	State Total	272.84	3536.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5611	119	470	6200	172	2961	0	0	3608	3823	-688	12468	0	12468	1391	13859	49.97
2	5594	108	447	6149	154	2952	0	0	3409	3593	-600	12248	0	12248	1302	13550	49.99
3	5597	114	470	6181	162	2947	0	0	3341	3516	-547	12259	0	12259	1249	13508	50.01
4	5595	114	447	6156	209	2957	0	0	3292	3590	-520	12392	0	12392	1222	13614	49.98
5	5539	109	469	6117	282	2955	33	0	3927	3860	-540	12707	0	12707	1243	13950	49.99
6	5595	163	449	6207	307	2954	89	0	4487	4771	-632	13697	0	13697	1346	15043	50.01
7	6290	155	477	6922	290	3120	163	0	5385	5666	-783	15378	0	15378	1641	17019	49.99
8	6630	862	473	7965	253	3177	224	9	5918	5868	-618	16877	0	16877	1780	18657	49.94
9	6631	1375	476	8482	209	3249	231	55	6158	6126	-753	17599	0	17599	2076	19675	49.98
10	6241	1713	467	8421	121	3376	234	108	6325	6012	-944	17328	0	17328	2305	19633	49.91
11	6036	2004	459	8499	113	3349	233	145	6342	6181	-1075	17445	0	17445	2461	19906	49.97
12	6097	1550	454	8101	104	3338	233	177	6502	6386	-1089	17250	0	17250	2478	19728	49.97
13	6134	954	451	7539	90	3356	233	177	6479	6510	-1036	16869	0	16869	2436	19305	49.93
14	6125	933	429	7487	77	3380	232	167	6215	6322	-924	16741	0	16741	2322	19063	50.01
15	6035	787	422	7244	58	3368	231	148	6216	6318	-997	16370	0	16370	2315	18685	49.98
16	5978	859	425	7262	62	3389	231	100	6215	6403	-1045	16402	0	16402	2318	18720	49.94
17	5218	862	436	6516	82	3373	232	63	6182	6281	-1045	15502	0	15502	2319	17821	49.96
18	4868	363	442	5673	116	3320	233	16	5932	5958	-1235	14081	0	14081	2309	16390	50.02
19	4894	635	437	5966	155	3268	178	0	5689	5965	-1213	14320	0	14320	2360	16680	50.01
20	4982	440	448	5870	215	3280	15	0	6253	6318	-1251	14447	0	14447	2346	16793	50.00
21	4991	266	457	5714	291	3314	0	0	5715	5630	-1243	13706	0	13706	2219	15925	49.95
22	5152	214	462	5828	412	3236	0	0	4649	4553	-1171	12858	0	12858	2046	14904	50.02
23	5229	183	468	5880	420	2971	0	0	4249	3913	-1084	12100	0	12100	1824	13924	50.01
24	5264	166	474	5904	540	2898	0	0	3622	3879	-993	12228	0	12228	1700	13928	50.02
MUs	136.33	15.05	10.91	162.28	4.89	76.49	3.03	1.16	126.11	127.44	-22.03	353.27	0.00	353.27	47.01	400.28	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 13/Jan/2017

Position as on 6.30 Hrs of 14/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 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Jan/2017

Position as on 6.30 Hrs of 14/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.	withdraw on BTL ,converted to zero schedule w.e.f 16.12.2016 at 00:00 Hrs	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	21.56		Continued.	POSITIVE SIDE ROTER TRIPPED.	
PGPL	PGPL U2	126	12/01/2017	19.15	13/01/2017	05.05	No Schedule.	
PGPL	PGPL U1	262	12/01/2017	19.15	13/01/2017	03.59	No Schedule.	
MSPGCL	Chandrapur Unit 7	500	12/01/2017	22.10		Continued.	Boiler validity work	
MSPGCL	Koradi Unit 9	660	13/01/2017	09.26	13/01/2017	17.23	Due to main steam temp low.	
MSPGCL	Chandrapur Unit 9	500	13/01/2017	16.07	13/01/2017	20.56	Due to liquid level detector supply failed.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 14/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 I	InterState	12/01/2017	19.50	13/01/2017	06.52	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	13/01/2017	16.41	13/01/2017	18.56	EO	Attending Oil Leakage
Dhule Sar'Sarovar I	InterState	13/01/2017	17.05		Continued.	HT	Over Voltage
Karad - Kolhapur-I	IntraState	12/01/2017	17.03		Continued.	HT	Overvoltage (opportunity outage availed on 13.01.2017at 10:22Hrs to 14:00Hrs for y ph. spacer work)
Karad - Jaigad - II	IntraState	12/01/2017	17.06	13/01/2017	07.14	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/01/2017	17.22	13/01/2017	07.16	HT	Over Voltage
Main Bus I @ Akola	IntraState	13/01/2017	08.50	13/01/2017	17.32	PO	Annual Maintenance Work
Karad - Jaigad - II	IntraState	13/01/2017	17.01		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/01/2017	18.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	12/01/2017	16.35		Continued.	PO	Oil Filtration Work.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	13/01/2017	07.32	13/01/2017	17.01	HT	Bucchoz alarm.
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	13/01/2017	00.49	13/01/2017	19.35	T	Dist.Prot.Opeted B Ph Fault.
Boisar(MS) - Boisar (PG) - I	InterState	13/01/2017	09.38	13/01/2017	14.58	PO	Outage code 1285 outage by WR.
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.
Pophali - Kdph	IntraState	10/01/2017	18.39	13/01/2017	17.25	T	Distance Protection
Trombay - Mulund	IntraState	12/01/2017	18.43	13/01/2017	16.35	T	Distance Protection
Main Bus Section-I @ Pophali	IntraState	13/01/2017	07.30	13/01/2017	19.15	PO	Isolator alignment work.
Ghatghar - Jindal	IntraState	13/01/2017	10.22	13/01/2017	21.05	PO	Testing Work
Kanhan-Bhandara I	IntraState	13/01/2017	11.40	13/01/2017	15.47	PO	Tan Delta Measurment of CTs
Wpcl-Warora 2	IntraState	13/01/2017	12.53	13/01/2017	14.05	PO	Attending Hot Spot
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 @Kandgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	13/01/2017	10.15	13/01/2017	16.25	PO	Quarterly Maintainance Work
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