

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jan/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.565	1903.475	1) Gujrat	1.375	-4.878
2) Hydro	8.690	207.758	2) Madhya Pradesh	10.036	130.315
3) Gas	10.791	141.852	3) Chattisgarh	7.830	114.270
Total MSPGCL	160.046	2253.085	4) Maharashtra Net	108.386	1596.485
B) 1) APLM	48.520	686.647	5) Goa (Amona)	-0.648	-9.448
2) JSWEL	9.189	129.596	Total	126.979	1826.744
3) VIPL	5.901	88.488	a) Mumbai Schedule	15.404	214.695
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.471	298.603
5) WPCL	3.961	53.424	c) MSEDCL Bilateral *	34.134	470.909
6) PGPL	0.000	24.068	Include PX	3.233	42.565
7) Other IPP	7.937	123.252	d) Mumbai Bilateral *	15.404	214.695
C) 1) TPCL Thermal	5.020	100.320	Include PX	3.005	55.688
2) TPCL Hydro	4.101	72.166	Include Standby	0.000	0.000
3) TPCL Gas	3.979	52.688	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.372	143.549	1) MSEDCL	352.442	4966.694
D) STATE			2) Mumbai Discoms	44.943	667.326
1) Thermal	230.465	3228.751	TOTAL STATE	397.385	5634.020
(A1+C1+C4+(B1-B6))					
2) Hydro	12.791	279.924			
(A2+C2)					
3) Gas	14.770	218.608			
(A3+B6+C3)					
4) Wind	11.373	63.362			
6) SOLAR	1.007	16.631			
TOTAL STATE	270.406	3807.276			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6472	6595	5333	5384
MSPGCL Hydro	559	489	394	154
MSPGCL Gas	471	437	430	473
MSPGCL Total Generation	7502	7521	6157	6011
Central Sector Receipt	6904	6797	5998	3094
WIND	651	368	146	725
CPP / IPP Thermal	3384	3389	3255	2887
CPP / IPP Gas	0	0	0	0
SOLAR	61	153	0	0
Exchange with Mumbai	-789	-1139	-1232	-738
MSEDCL DEMAND MET	17713	17089	14324	11979
Load Shedding	0	0	0	0
MSEDCL DEMAND	17713	17089	14324	11979
TPCL GENERATION	712	750	601	331
R-INFRA GENERATION	386	385	386	387
MUMBAI DEMAND	1887	2274	2219	1456
STATE DEMAND MET	19600	19363	16543	13435
STATE DEMAND	19600	19363	16543	13435
Frequency (Hz)	49.95	49.92	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18.02 Hrs	49.75 Hz at 12.23 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 14/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	3.60	17.69	155	140
Unit 8	0.00	0.00	0	0
Unit 9	13.28	161.28	661	338
Total	16.88	178.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.78	113.24	510	360
Unit 5	9.88	141.01	510	360
Total	19.66	254.25		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.29	71.78	250	193
Unit 7	5.27	73.08	252	187
Unit 8	0.00	0.00	0	0
Total	10.56	144.86		
Chandrapur				
Unit 3	4.42	61.74	200	164
Unit 4	4.44	60.87	205	170
Unit 5	9.63	135.80	450	365
Unit 6	9.66	108.87	450	357
Unit 7	0.00	109.78	0	0
Unit 8	8.53	140.05	455	273
Unit 9	7.92	93.91	414	230
Total	44.60	711.02		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.18	72.76	250	190
Total	5.18	72.76		
Khaparkheda				
Unit 1	3.98	57.69	190	145
Unit 2	3.98	57.38	195	155
Unit 3	4.12	55.45	202	165
Unit 4	0.00	36.61	0	0
Unit 5	9.73	142.64	480	375
Total	21.81	349.77		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.01	56.96	192	160
Unit 5	3.99	55.72	189	162
Total	8.00	112.68		
Uran				
All Units	10.79	141.85	474	419
Total	10.79	141.85		
PGPL				
Unit 1	0.00	14.50	0	0
Unit 2	0.00	9.57	0	0
Total	0.00	24.07		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.42	7.61	52	0
Total	0.42	7.61		
Koyna				
Stage 1-2	2.08	49.00	270	25
Stage 4	0.63	72.15	211	0
Stage 3	0.26	23.63	80	0
Total	2.97	144.78		
Hydro				
KDPH	0.89	2.73	38	37
VTRNA	0.44	6.23	59	0
TILLARI	0.50	4.34	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	4.35	80	0
RNGR+BHTSA	0.32	4.47	14	13
BHANDARDRA	0.45	4.11	27	14
ELDARY	0.29	0.57	13	12
SMLHY_PTN	0.57	8.49	24	23
GHATGHAR	2.01	27.68	250	0
Total	5.72	62.98		
Wind				
Total	11.37	63.36	0	0
Total	11.37	63.36		
CPP				
APML(Mus)	48.52	686.65	0	0
JSWEL(Mus)	9.19	129.60	0	0
VIPL(Mus)	5.90	88.49	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.96	53.42	0	0
Other(Mus)	7.94	123.25	0	0
Total	75.51	1081.41		
SOLAR				
Total	1.01	16.63	0	0
Total	1.01	16.63		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.47	32.40	115	75
Trombay 7B	1.51	20.29	68	53
Trombay 8	5.02	73.94	246	200
TATA Hydro	4.10	72.17	410	0
Total	13.10	225.17		
R-INFRA				
1-2	9.37	143.55	488	385
Total	9.37	143.55		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	13.88	79.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	140.56	1903.48
MSPGCL Thml+Gas	151.36	2045.33
MSPGCL Hydro	8.69	207.76

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	160.05	2253.08
Koyna 1,2 & 4 Total	2.71	121.15
State Total	270.41	3807.28

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/Jan/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5384	154	473	6011	725	2887	0	0	3758	3094	-738	11979	0	11979	1456	13435	50.01
2	5448	153	464	6065	777	2898	0	0	3190	2989	-632	12097	0	12097	1351	13448	49.98
3	5515	159	464	6138	754	2872	0	0	3047	2994	-571	12187	0	12187	1291	13478	50.04
4	5620	164	464	6248	757	2897	0	0	2902	2940	-533	12309	0	12309	1250	13559	49.97
5	5644	169	465	6278	747	2902	0	0	3179	3064	-552	12439	0	12439	1272	13711	49.95
6	5692	168	465	6325	816	2897	0	6	4427	4032	-646	13430	0	13430	1382	14812	49.98
7	5874	153	463	6490	811	2912	0	14	5578	5420	-692	14955	0	14955	1518	16473	49.98
8	6159	138	474	6771	780	3128	0	27	6388	6126	-709	16123	0	16123	1711	17834	49.97
9	6472	559	471	7502	651	3384	0	61	6628	6904	-789	17713	0	17713	1887	19600	49.95
10	6761	904	445	8110	601	3390	0	111	6694	6325	-1089	17448	0	17448	2148	19596	49.97
11	6622	624	454	7700	579	3398	0	139	6670	6447	-1114	17149	0	17149	2278	19427	49.97
12	6565	573	428	7566	519	3370	0	149	6736	6797	-1103	17298	0	17298	2284	19582	49.98
13	6595	489	437	7521	368	3389	0	153	6545	6797	-1139	17089	0	17089	2274	19363	49.92
14	6435	395	427	7257	287	3367	0	136	6482	6628	-1084	16591	0	16591	2129	18720	50.00
15	6232	510	423	7165	209	3381	0	104	6486	6958	-1058	16759	0	16759	2112	18871	49.97
16	6184	761	419	7364	181	3381	0	67	6483	6637	-964	16666	0	16666	2096	18762	49.94
17	6090	581	429	7100	151	3371	0	36	6186	6255	-900	16013	0	16013	2079	18092	49.98
18	5575	349	435	6359	135	3284	0	4	6124	5966	-1023	14725	0	14725	2064	16789	50.01
19	5333	394	430	6157	146	3255	0	0	6107	5998	-1232	14324	0	14324	2219	16543	50.01
20	5306	503	432	6241	183	3265	0	0	5804	5850	-1329	14210	0	14210	2283	16493	50.00
21	5260	300	440	6000	237	3197	0	0	5428	5402	-1278	13558	0	13558	2191	15749	50.01
22	5242	197	460	5899	274	2917	0	0	4844	4813	-1196	12707	0	12707	2069	14776	50.05
23	5301	154	470	5925	349	2886	0	0	4664	4130	-1144	12146	0	12146	1905	14051	50.02
24	5256	139	459	5854	336	2879	0	0	4080	4413	-956	12526	0	12526	1694	14220	50.06
MUs	140.57	8.69	10.79	160.05	11.37	75.51	0.00	1.01	128.43	126.98	-22.47	352.44	0.00	352.44	44.94	397.39	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 14/Jan/2017

Position as on 6.30 Hrs of 15/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
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	
RGPPL	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 14/Jan/2017

Position as on 6.30 Hrs of 15/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.	
MSPGCL	Chandrapur Unit 7	500	12/01/2017	22.10		Continued.	Boiler validity work	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Koradi Unit 10	660	15/01/2017	04.10		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	15/01/2017	09.31		Continued.	Drum level high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 15/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	13/01/2017	17.05	14/01/2017	07.17	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/01/2017	12.40	14/01/2017	13.49	T	Tripped From SSP.
Dhule Sar'Sarovar II	InterState	14/01/2017	14.16		Continued.	T	Testing Work
Dhule Sar'Sarovar I	InterState	14/01/2017	18.04	14/01/2017	18.46	T	D T Received At Dhule,On Code 1447. Bus Ba Operated.
karad -kolhapur-I	IntraState	12/01/2017	17.03	14/01/2017	09.13	HT	Overvoltage (opportunity outage availed on 13.01.2017at 10:22Hrs to 14:00Hrs for y ph. spacer work)
Karad - Jaigad - II	IntraState	13/01/2017	17.01	14/01/2017	09.20	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/01/2017	18.08	14/01/2017	07.16	HT	Over Voltage
karad -kolhapur-II	IntraState	14/01/2017	09.57		Continued.	PO	Cold Washing Of Insulator String.(RFC 18.26)
Warora -IEPL	IntraState	14/01/2017	11.45	14/01/2017	14.18	PO	Routine Maintenance Work
Bhusawal-Aurangabad	IntraState	14/01/2017	17.52	15/01/2017	07.32	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/01/2017	19.47		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/01/2017	19.06		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	12/01/2017	16.35	15/01/2017	20.50	PO	Oil Filtration Work.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	15/01/2017	08.42	15/01/2017	09.02	PO	SFRA Testing 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.
Pophali - New Koyna	IntraState	14/01/2017	06.50	14/01/2017	19.20	PO	Bus Sec. Outage
Pophli Pedhmbe Line- 2	IntraState	14/01/2017	07.00	14/01/2017	19.20	PO	Bus Sec. Outage.
Pophali - Nerale	IntraState	14/01/2017	07.10	14/01/2017	19.20	PO	Bus Sec. Outage.
Main Bus Section-I @ Pophali	IntraState	14/01/2017	07.15	14/01/2017	19.20	PO	Maintenance & Isolator Alignment Work.
Arey - TPC Borivali	IntraState	14/01/2017	16.33	14/01/2017	16.41	T	Distance Protection
Kharghar - Nerul	IntraState	15/01/2017	07.52	15/01/2017	20.18	PO	Replacement Of Conductor.
Karkambh Tap Onlamboti-Vita	IntraState	15/01/2017	13.53	15/01/2017	14.34	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	15/01/2017	20.20	15/01/2017	20.28	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 Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.
220/33kV 100 MVA Transformer 4 @Versova R/S	IntraState	14/01/2017	16.33	15/01/2017	04.23	T	Differential protection
132 KV LINE Outages/Trippings							
Akot - Hiwarkhed	IntraState	14/01/2017	06.54	14/01/2017	07.10	T	Distance Protection
Daund-Alegaon	IntraState	15/01/2017	08.00		Continued.	PO	Construction Work.

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