

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jan/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.788	2155.268	1) Gujrat	-1.009	-6.797
2) Hydro	23.794	255.032	2) Madhya Pradesh	10.743	150.714
3) Gas	8.518	161.184	3) Chattisgarh	8.880	131.160
Total MSPGCL	158.100	2571.484	4) Maharashtra Net	129.657	1840.591
B) 1) APML	43.275	773.160	5) Goa (Amona)	-0.540	-10.520
2) JSWEL	9.051	147.662	Total	147.731	2105.148
3) VIPL	6.343	101.103	a) Mumbai Schedule	17.699	246.040
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.003	339.971
5) WPCL	4.110	61.470	c) MSEDCL Bilateral *	35.202	536.803
6) PGPL	0.000	24.068	Include PX	3.069	46.293
7) Other IPP	8.600	138.967	d) Mumbai Bilateral *	17.699	246.040
C) 1) TPCL Thermal	5.476	111.266	Include PX	5.875	65.202
2) TPCL Hydro	5.815	80.473	Include Standby	0.000	0.000
3) TPCL Gas	4.090	61.157	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.879	165.274	1) MSEDCL	356.953	5671.165
D) STATE			2) Mumbai Discoms	49.263	758.143
1) Thermal	213.522	3654.170	TOTAL STATE	406.216	6429.308
(A1+C1+C4+(B1-B6))					
2) Hydro	29.609	335.505			
(A2+C2)					
3) Gas	12.608	246.409			
(A3+B6+C3)					
4) Wind	1.778	69.516			
6) SOLAR	0.968	18.558			
TOTAL STATE	258.485	4324.158			

* 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 3 Hrs
MSPGCL Thermal	5617	5577	5710	4520
MSPGCL Hydro	1963	1887	908	146
MSPGCL Gas	320	296	301	464
MSPGCL Total Generation	7900	7760	6919	5130
Central Sector Receipt	7531	6894	6375	4898
WIND	52	31	123	46
CPP / IPP Thermal	3028	3059	3000	2908
CPP / IPP Gas	0	0	0	0
SOLAR	145	164	0	0
Exchange with Mumbai	-1214	-1184	-1104	-583
MSEDCL DEMAND MET	17442	16724	15313	12399
Load Shedding	142	561	0	0
MSEDCL DEMAND	17584	17285	15313	12399
TPCL GENERATION	865	856	841	385
R-INFRA GENERATION	499	508	509	385
MUMBAI DEMAND	2578	2548	2454	1353
STATE DEMAND MET	20020	19272	17767	13752
STATE DEMAND	20162	19833	17767	13752
Frequency (Hz)	49.96	49.93	49.99	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 00.00 Hrs	49.76 Hz at 21.04 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 16/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	3.77	25.22	163	150
Unit 8	0.00	0.00	0	0
Unit 9	13.49	188.71	642	480
Total	17.26	213.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.53	134.48	510	350
Unit 5	10.55	162.31	510	300
Total	21.08	296.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.43	82.62	250	190
Unit 7	5.45	83.44	256	187
Unit 8	0.00	0.00	0	0
Total	10.88	166.06		
Chandrapur				
Unit 3	4.54	70.80	195	169
Unit 4	4.56	69.94	198	178
Unit 5	10.27	155.87	460	365
Unit 6	10.02	128.58	450	370
Unit 7	0.00	109.78	0	0
Unit 8	2.46	148.99	300	0
Unit 9	6.65	102.97	510	0
Total	38.50	786.92		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.44	83.60	251	192
Total	5.44	83.60		
Khaparkheda				
Unit 1	4.28	65.87	195	155
Unit 2	4.26	65.90	195	155
Unit 3	4.49	64.39	203	163
Unit 4	0.00	36.61	0	0
Unit 5	10.80	163.81	500	380
Total	23.83	396.58		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.43	65.78	201	165
Unit 5	4.37	64.42	200	164
Total	8.80	130.20		
Uran				
All Units	8.52	161.18	473	280
Total	8.52	161.18		
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)	0.33	8.40	45	0
Total	0.33	8.40		
Koyna				
Stage 1-2	4.80	59.44	485	40
Stage 4	9.82	90.74	963	0
Stage 3	3.23	30.22	240	0
Total	17.86	180.41		
Hydro				
KDPH	0.89	4.51	37	36
VTRNA	0.90	7.59	59	0
TILLARI	0.51	5.35	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.76	80	0
RNGR+BHTSA	0.32	5.09	14	13
BHANDARDRA	0.45	5.00	19	18
ELDARY	0.29	1.15	12	12
SMLHY_PTN	0.53	9.59	32	19
GHATGHAR	1.78	31.59	250	0
Total	5.94	74.63		
Wind				
Total	1.78	69.52	0	0
Total	1.78	69.52		
CPP				
APML(Mus)	43.28	773.16	0	0
JSWEL(Mus)	9.05	147.66	0	0
VIPL(Mus)	6.34	101.10	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.11	61.47	0	0
Other(Mus)	8.60	138.97	0	0
Total	71.38	1222.36		
SOLAR				
Total	0.97	18.56	0	0
Total	0.97	18.56		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	37.74	117	94
Trombay 7B	1.53	23.42	67	59
Trombay 8	5.48	84.88	251	200
TATA Hydro	5.82	80.47	434	0
Total	15.38	252.90		
R-INFRA				
1-2	10.88	165.27	510	385
Total	10.88	165.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	0.00	81.18	MSPGCL Thermal	125.79	2155.27	MSPGCL Total	158.10	2571.48
			MSPGCL Thml+Gas	134.31	2316.45	Koyna 1,2 & 4 Total	14.63	150.19
			MSPGCL Hydro	23.79	255.03	State Total	258.48	4324.16

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	4522	140	473	5135	84	2885	0	0	4970	5118	-768	12454	0	12454	1537	13991	50.06
2	4501	141	462	5104	83	2925	0	0	4822	5025	-633	12504	0	12504	1405	13909	50.02
3	4520	146	464	5130	46	2908	0	0	4908	4898	-583	12399	0	12399	1353	13752	50.03
4	4518	146	471	5135	59	2918	0	0	4895	5090	-552	12650	0	12650	1323	13973	50.02
5	4468	146	462	5076	40	2931	0	0	4927	5400	-579	12868	0	12868	1351	14219	50.00
6	4847	343	462	5652	46	2944	0	0	5368	5695	-690	13647	0	13647	1467	15114	50.00
7	5635	919	452	7006	58	2991	0	0	5909	5824	-771	15108	0	15108	1729	16837	50.03
8	5753	1773	392	7918	67	3024	0	4	6310	6400	-684	16729	0	16729	1856	18585	49.97
9	5652	2049	311	8012	61	3043	0	40	6721	7012	-857	17311	0	17311	2162	19473	49.96
10	5536	1887	308	7731	84	2992	0	83	6891	7047	-994	16943	0	16943	2361	19304	50.00
11	5576	1788	304	7668	79	3012	0	130	7002	7197	-1202	16884	0	16884	2562	19446	49.99
12	5617	1963	320	7900	52	3028	0	145	7021	7531	-1214	17442	142	17584	2578	20162	49.96
13	5577	1887	296	7760	31	3059	0	164	6628	6894	-1184	16724	561	17285	2548	19833	49.93
14	5629	1692	293	7614	28	3015	0	152	6523	7023	-1083	16749	580	17329	2415	19744	49.97
15	5571	1519	305	7395	36	3004	0	101	6547	6953	-1085	16404	519	16923	2418	19341	49.91
16	5617	1551	302	7470	53	2977	0	87	6545	7045	-1088	16544	458	17002	2426	19428	49.90
17	5688	1534	280	7502	75	2968	0	50	6200	6570	-1095	16070	354	16424	2429	18853	49.93
18	5671	1178	309	7158	82	2961	0	12	6189	6631	-1063	15781	0	15781	2406	18187	49.96
19	5710	908	301	6919	123	3000	0	0	6287	6375	-1104	15313	0	15313	2454	17767	49.99
20	5479	579	314	6372	145	3028	0	0	6395	6316	-1276	14585	0	14585	2441	17026	49.99
21	4908	490	304	5702	167	2960	0	0	5998	5946	-1265	13510	0	13510	2266	15776	49.96
22	4902	563	308	5773	115	2939	0	0	5482	5595	-1184	13238	0	13238	2105	15343	49.96
23	4912	248	316	5476	85	2937	0	0	5041	5248	-1068	12678	0	12678	1916	14594	49.97
24	4979	204	309	5492	79	2931	0	0	4931	4898	-981	12419	0	12419	1755	14174	49.98
MUs	125.79	23.79	8.52	158.10	1.78	71.38	0.00	0.97	142.51	147.73	-23.00	356.95	2.61	359.57	49.26	408.83	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 16/Jan/2017

Position as on 6.30 Hrs of 17/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 16/Jan/2017

Position as on 6.30 Hrs of 17/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	Koyana Unit 6	75	15/01/2017	05.25	16/01/2017	20.20	Filter chockup problem.	
MSPGCL	Chandrapur Unit 9	500	15/01/2017	09.31	16/01/2017	05.52	Drum level high	
MSPGCL	Uran Unit 5	108	16/01/2017	0730		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	16/01/2017	09.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 17/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	16/01/2017	08.35	16/01/2017	20.56	PO	Annual Maintenance Work
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	16/01/2017	21.07	16/01/2017	22.22	PO	Attending Hot Spot
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	14/01/2017	14.16	16/01/2017	06.48	T	Testing Work
Dhule Sar'Sarovar II	InterState	16/01/2017	16.44		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	14/01/2017	09.57		Continued.	PO	Cold Washing Of Insulator String.(RFC 18.26)
Karad-Jaigad - I	IntraState	14/01/2017	19.47	16/01/2017	08.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/01/2017	19.06	16/01/2017	06.56	HT	Over Voltage
Main Bus-II @ Koradi	IntraState	16/01/2017	12.12		Continued.	PO	DROPPER CONNECTION FROM BUS 2 TO DIA 2.
Karad - Jaigad - II	IntraState	16/01/2017	16.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/01/2017	19.34		Continued.	HT	Over Voltage
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.
Main bus section-II @ Pedambe	IntraState	16/01/2017	07.00	16/01/2017	10.40	PO	Routine Maintenance Work
Pedhambe - Oni	IntraState	16/01/2017	07.33	16/01/2017	17.30	PO	Line Maintenance 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)
220/100 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.
220/100 kV 200 MVA ICT III @Apta	IntraState	16/01/2017	10.42	16/01/2017	17.32	PO	Testing Work
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	16/01/2017	11.30	16/01/2017	16.14	PO	Tan Delta Testing.
100 MVA T/F I @ Oglewadi	IntraState	16/01/2017	12.40	16/01/2017	20.30	PO	BUSHING REPLACEMENT.
132 KV LINE Outages/Trippings							
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