

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Jan/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.798	4209.086	1) Gujrat	1.240	-11.758
2) Hydro	14.102	507.610	2) Madhya Pradesh	11.145	316.629
3) Gas	7.456	259.019	3) Chattisgarh	7.930	252.910
Total MSPGCL	169.356	4975.715	4) Maharashtra Net	139.230	3785.530
B) 1) APML	51.500	1471.095	5) Goa (Amona)	-0.650	-19.470
2) JSWEL	8.980	285.370	Total	158.895	4323.841
3) VIPL	6.258	196.169	a) Mumbai Schedule	21.476	541.742
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.462	732.196
5) WPCL	4.008	117.754	c) MSEDCL Bilateral *	42.335	1085.096
6) PGPL	0.000	24.068	Include PX	4.190	128.082
7) Other IPP	6.620	249.388	d) Mumbai Bilateral *	21.476	541.742
C) 1) TPCL Thermal	5.263	191.034	Include PX	8.902	177.775
2) TPCL Hydro	5.808	159.429	Include Standby	0.000	0.000
3) TPCL Gas	3.790	97.548	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.689	323.697	1) MSEDCL	380.947	11119.208
D) STATE			2) Mumbai Discoms	53.012	1503.914
1) Thermal	241.116	7043.593	TOTAL STATE	433.959	12623.122
(A1+C1+C4+(B1-B6))					
2) Hydro	19.910	667.039			
(A2+C2)					
3) Gas	11.246	380.635			
(A3+B6+C3)					
4) Wind	1.503	171.785			
6) SOLAR	1.289	36.219			
TOTAL STATE	275.064	8299.271			

* 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 4 Hrs
MSPGCL Thermal	6639	6551	6425	5462
MSPGCL Hydro	993	1099	306	91
MSPGCL Gas	309	294	310	320
MSPGCL Total Generation	7941	7944	7041	5873
Central Sector Receipt	8137	7786	6758	5390
WIND	40	27	79	27
CPP / IPP Thermal	3262	3276	3279	3218
CPP / IPP Gas	0	0	0	0
SOLAR	193	183	0	0
Exchange with Mumbai	-1290	-1335	-1413	-843
MSEDCL DEMAND MET	18283	17881	15744	13665
Load Shedding	0	0	0	0
MSEDCL DEMAND	18283	17881	15744	13665
TPCL GENERATION	887	826	760	293
R-INFRA GENERATION	494	500	441	387
MUMBAI DEMAND	2671	2661	2614	1523
STATE DEMAND MET	20954	20542	18358	15188
STATE DEMAND	20954	20542	18358	15188
Frequency (Hz)	49.98	49.98	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.81 Hz at 08.37 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 31/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	63.27	0	0
Unit 8	12.08	43.88	570	411
Unit 9	0.00	324.09	0	0
Unit 10	14.23	196.60	660	397
Total	26.32	627.83		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.73	292.52	510	365
Unit 5	10.74	317.39	510	370
Total	21.47	609.91		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.36	145.64	250	190
Unit 7	5.37	161.84	248	191
Unit 8	0.00	0.00	0	0
Total	10.73	307.48		
Chandrapur				
Unit 3	4.45	137.98	200	165
Unit 4	4.42	137.04	194	166
Unit 5	9.78	264.45	440	355
Unit 6	9.78	236.93	440	349
Unit 7	0.00	180.92	0	0
Unit 8	9.18	267.58	477	313
Unit 9	10.16	258.64	487	341
Total	47.77	1483.53		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	155.78	252	197
Total	5.48	155.78		
Khaparkheda				
Unit 1	4.22	127.00	195	160
Unit 2	4.19	129.06	195	160
Unit 3	4.37	129.86	200	160
Unit 4	4.14	90.46	190	156
Unit 5	10.41	288.99	500	375
Total	27.33	765.36		
Nasik				
Unit 3	3.99	3.99	195	37
Unit 4	0.40	126.34	150	0
Unit 5	4.32	128.87	199	159
Total	8.71	259.20		
Uran				
All Units	7.46	259.02	334	290
Total	7.46	259.02		
PGPL				
Unit 1	0.00	14.50	0	0
Unit 2	0.00	9.57	0	0
Total	0.00	24.07		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.14	11.23	52	0
Total	0.14	11.23		
Koyna				
Stage 1-2	3.85	118.41	480	40
Stage 4	3.00	171.23	500	0
Stage 3	1.35	62.04	160	0
Total	8.20	351.68		
Hydro				
KDPH	0.68	13.81	37	18
VTRNA	1.05	23.17	58	0
TILLARI	0.68	12.84	44	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	9.01	80	0
RNGR+BHTSA	0.34	9.50	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.53	17.96	30	19
GHATGHAR	2.32	61.73	250	0
Total	5.90	155.93		
Wind				
Total	1.50	171.78	0	0
Total	1.50	171.78		
CPP				
APML(Mus)	51.50	1471.10	0	0
JSWEL(Mus)	8.98	285.37	0	0
VIPL(Mus)	6.26	196.17	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.01	117.75	0	0
Other(Mus)	6.62	249.39	0	0
Total	77.37	2319.78		
SOLAR				
Total	1.29	36.22	0	0
Total	1.29	36.22		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	58.42	120	50
Trombay 7B	1.43	39.13	68	40
Trombay 8	5.26	164.65	242	182
TATA Hydro	5.81	159.43	459	6
Total	14.86	448.01		
R-INFRA				
1-2	10.69	323.70	511	364
Total	10.69	323.70		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.80	4209.09	MSPGCL Total	169.36	4975.72
			MSPGCL Thml+Gas	155.25	4468.10	Koyna 1,2 & 4 Total	6.85	289.64
			MSPGCL Hydro	14.10	507.61	State Total	275.06	8299.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	5652	154	310	6116	36	3163	0	0	5512	5447	-1085	13677	0	13677	1765	15442	49.99
2	5503	126	320	5949	36	3179	0	0	5191	5405	-967	13602	0	13602	1646	15248	49.98
3	5493	91	320	5904	31	3218	0	0	5098	5365	-905	13613	0	13613	1583	15196	49.97
4	5462	91	320	5873	27	3218	0	0	5225	5390	-843	13665	0	13665	1523	15188	49.98
5	5624	91	312	6027	33	3194	0	0	5437	5697	-853	14098	0	14098	1537	15635	50.02
6	6172	106	333	6611	90	3180	0	0	5646	6422	-885	15418	0	15418	1629	17047	50.03
7	6691	528	310	7529	125	3291	0	0	6125	6073	-843	16175	0	16175	1845	18020	49.94
8	6728	1178	324	8230	127	3293	0	7	6681	6911	-829	17739	0	17739	1945	19684	49.94
9	6692	1390	334	8416	78	3276	0	61	6992	7220	-948	18103	0	18103	2245	20348	49.95
10	6671	1248	312	8231	60	3264	0	113	6930	7072	-1188	17552	0	17552	2485	20037	50.01
11	6673	836	297	7806	48	3268	0	148	7055	7429	-1259	17440	0	17440	2643	20083	49.99
12	6639	993	309	7941	40	3262	0	193	7432	8137	-1290	18283	0	18283	2671	20954	49.98
13	6551	1099	294	7944	27	3276	0	183	7395	7786	-1335	17881	0	17881	2661	20542	49.98
14	6553	1101	295	7949	37	3271	0	180	7387	7547	-1251	17733	0	17733	2533	20266	50.01
15	6591	867	290	7748	43	3284	0	154	7403	7675	-1237	17667	0	17667	2591	20258	49.96
16	6601	759	304	7664	36	3280	0	132	7481	7861	-1283	17690	0	17690	2639	20329	49.97
17	6521	794	297	7612	48	3280	0	95	7134	7347	-1270	17112	0	17112	2644	19756	49.98
18	6484	560	300	7344	55	3259	0	23	6748	7196	-1270	16607	0	16607	2596	19203	50.01
19	6425	306	310	7041	79	3279	0	0	6818	6758	-1413	15744	0	15744	2614	18358	49.98
20	6141	285	309	6735	116	3224	0	0	6864	6644	-1481	15238	0	15238	2590	17828	50.02
21	5607	222	311	6140	138	3193	0	0	6580	6432	-1356	14547	0	14547	2413	16960	49.94
22	5468	472	307	6247	100	3187	0	0	5476	5757	-1282	14009	0	14009	2241	16250	49.97
23	5490	396	318	6204	51	3123	0	0	5182	5586	-1236	13728	0	13728	2068	15796	49.98
24	5366	409	320	6095	42	2906	0	0	5624	5736	-1153	13626	0	13626	1905	15531	50.02
MUs	147.80	14.10	7.46	169.36	1.50	77.37	0.00	1.29	153.42	158.89	-27.46	380.94	0.00	380.94	53.01	433.96	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 31/Jan/2017

Position as on 6.30 Hrs of 01/Feb/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	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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 31/Jan/2017

Position as on 6.30 Hrs of 01/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Koradi Unit 7	210	30/01/2017	13.55		Continued.	BOILER FEED PUMP TRIPPED.	
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 01/Feb/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							
Dabhol Nagothane II	InterState	28/01/2017	10.32		Continued.	EO	Emergency outage Earth Wire Stringing Work.
Dhule Sar'Sarovar I	InterState	30/01/2017	19.26	31/01/2017	06.56	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	31/01/2017	16.51		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	30/01/2017	16.38	31/01/2017	08.51	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/01/2017	16.42	31/01/2017	08.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/01/2017	18.10	31/01/2017	06.56	HT	Over Voltage
karad -kolhapur-I	IntraState	31/01/2017	16.37		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/01/2017	16.41		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	31/01/2017	18.03		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.
Vita - Miraj	IntraState	31/01/2017	11.05	31/01/2017	15.00	PO	Testing Work
Ambazari-Abhijeet	IntraState	31/01/2017	12.08	31/01/2017	14.58	PO	Tan Delta Measurment of CTs
Kharepatan -Pawas Line	IntraState	31/01/2017	14.10	31/01/2017	17.02	PO	Testing Work
Mururd - Tuljapur	IntraState	31/01/2017	14.45	31/01/2017	15.15	PO	Quarterly Maintainance Work
Miraj - Tilwani	IntraState	31/01/2017	15.05	31/01/2017	18.45	PO	Quarterly Maintainance 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	Augmentation 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.
132 KV LINE Outages/Trippings							
Sawangi - Cosmofilms	IntraState	30/01/2017	18.00		Continued.	T	Distance Protection
Parli 2(Girwali) - Latur Midc	IntraState	30/01/2017	19.19	31/01/2017	06.28	T	Distance Protection
Parli 2(Girwali) - Latur Midc	IntraState	31/01/2017	07.40	31/01/2017	21.17	T	Distance Protection

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