

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jan/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	127.026	2282.294	1) Gujrat	-1.122	-7.919
2) Hydro	25.914	280.946	2) Madhya Pradesh	12.532	163.246
3) Gas	7.429	168.613	3) Chattisgarh	9.130	140.290
Total MSPGCL	160.369	2731.853	4) Maharashtra Net	129.801	1970.392
B) 1) APML	43.540	816.700	5) Goa (Amona)	-0.628	-11.148
2) JSWEL	9.463	157.125	Total	149.713	2254.861
3) VIPL	6.316	107.419	a) Mumbai Schedule	19.150	265.189
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.371	364.342
5) WPCL	4.236	65.706	c) MSEDCL Bilateral *	34.515	571.318
6) PGPL	0.000	24.068	Include PX	2.597	48.890
7) Other IPP	8.049	147.016	d) Mumbai Bilateral *	19.150	265.189
C) 1) TPCL Thermal	5.325	116.591	Include PX	6.372	71.574
2) TPCL Hydro	5.769	86.242	Include Standby	0.000	0.000
3) TPCL Gas	2.846	64.003	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.600	175.874	1) MSEDCL	360.481	6031.646
D) STATE			2) Mumbai Discoms	48.911	807.054
1) Thermal	214.555	3868.725	TOTAL STATE	409.392	6838.700
(A1+C1+C4+(B1-B6))					
2) Hydro	31.683	367.188			
(A2+C2)					
3) Gas	10.275	256.684			
(A3+B6+C3)					
4) Wind	2.055	71.571			
6) SOLAR	1.111	19.669			
TOTAL STATE	259.679	4583.837			

* 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 2 Hrs
MSPGCL Thermal	5750	5686	5531	4625
MSPGCL Hydro	2164	2063	1173	138
MSPGCL Gas	311	298	303	322
MSPGCL Total Generation	8225	8047	7007	5085
Central Sector Receipt	7172	6830	6531	5333
WIND	56	33	131	49
CPP / IPP Thermal	3027	3031	3034	2919
CPP / IPP Gas	0	0	0	0
SOLAR	173	166	0	0
Exchange with Mumbai	-1249	-1204	-1271	-727
MSEDCL DEMAND MET	17404	16903	15432	12659
Load Shedding	195	254	0	0
MSEDCL DEMAND	17599	17157	15432	12659
TPCL GENERATION	800	789	768	318
R-INFRA GENERATION	503	507	386	387
MUMBAI DEMAND	2552	2500	2425	1432
STATE DEMAND MET	19956	19403	17857	14091
STATE DEMAND	20151	19657	17857	14091
Frequency (Hz)	49.98	49.95	49.95	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 21.59 Hrs	49.81 Hz at 08.07 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 17/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	29.06	170	145
Unit 8	0.00	0.00	0	0
Unit 9	13.89	202.60	660	479
Total	17.73	231.66		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.60	145.07	510	365
Unit 5	10.70	173.00	510	345
Total	21.29	318.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.40	88.02	250	195
Unit 7	5.42	88.86	252	190
Unit 8	0.00	0.00	0	0
Total	10.82	176.89		
Chandrapur				
Unit 3	4.51	75.31	199	163
Unit 4	4.53	74.47	198	170
Unit 5	10.11	165.98	460	355
Unit 6	9.58	138.16	450	347
Unit 7	0.00	109.78	0	0
Unit 8	0.00	148.99	0	0
Unit 9	11.10	114.07	500	350
Total	39.82	826.75		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.42	89.03	250	190
Total	5.42	89.03		
Khaparkheda				
Unit 1	4.32	70.18	200	160
Unit 2	4.08	69.98	190	145
Unit 3	4.42	68.80	204	163
Unit 4	0.00	36.61	0	0
Unit 5	10.54	174.35	504	370
Total	23.34	419.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.31	70.09	199	164
Unit 5	4.28	68.70	199	162
Total	8.59	138.79		
Uran				
All Units	7.43	168.61	322	296
Total	7.43	168.61		
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)	0.22	8.62	34	0
Total	0.22	8.62		
Koyna				
Stage 1-2	6.34	65.79	535	40
Stage 4	10.43	101.17	960	0
Stage 3	3.59	33.81	240	0
Total	20.36	200.77		
Hydro				
KDPH	0.89	5.40	37	37
VTRNA	0.92	8.51	59	0
TILLARI	0.50	5.86	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	5.07	80	0
RNGR+BHTSA	0.35	5.44	15	14
BHANDARDRA	0.14	5.14	23	0
ELDARY	0.00	1.15	0	0
SMLHY_PTN	0.64	10.23	34	24
GHATGHAR	1.79	33.39	250	0
Total	5.55	80.18		
Wind				
Total	2.06	71.57	0	0
Total	2.06	71.57		
CPP				
APML(Mus)	43.54	816.70	0	0
JSWEL(Mus)	9.46	157.12	0	0
VIPL(Mus)	6.32	107.42	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.24	65.71	0	0
Other(Mus)	8.05	147.02	0	0
Total	71.60	1293.97		
SOLAR				
Total	1.11	19.67	0	0
Total	1.11	19.67		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.63	39.37	115	55
Trombay 7B	1.22	24.63	66	43
Trombay 8	5.32	90.21	251	164
TATA Hydro	5.77	86.24	434	10
Total	13.94	266.84		
R-INFRA				
1-2	10.60	175.87	509	385
Total	10.60	175.87		

* 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	127.03	2282.29	MSPGCL Total	160.37	2731.85
			MSPGCL Thml+Gas	134.46	2450.91	Koyna 1,2 & 4 Total	16.78	166.96
			MSPGCL Hydro	25.91	280.95	State Total	259.68	4583.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4701	139	311	5151	47	2921	0	0	5148	5378	-842	12655	0	12655	1547	14202	49.98
2	4625	138	322	5085	49	2919	0	0	5365	5333	-727	12659	0	12659	1432	14091	50.00
3	4623	134	322	5079	67	2904	0	0	5334	5358	-661	12747	0	12747	1365	14112	50.01
4	4600	129	322	5051	76	2923	0	0	5280	5417	-631	12836	0	12836	1335	14171	49.98
5	4574	129	312	5015	92	2943	0	0	5296	5719	-652	13117	0	13117	1358	14475	49.95
6	5188	210	321	5719	120	2954	0	0	5529	6121	-785	14129	0	14129	1487	15616	49.96
7	5712	966	309	6987	129	3008	0	0	6051	6199	-778	15545	0	15545	1706	17251	49.98
8	5749	1878	319	7946	146	3048	0	5	6402	6420	-718	16847	0	16847	1896	18743	49.91
9	5735	1927	315	7977	84	3037	0	44	6563	7054	-891	17305	23	17328	2168	19496	49.95
10	5739	1744	304	7787	65	3017	0	104	6735	6842	-1127	16688	133	16821	2371	19192	50.00
11	5770	1758	299	7827	44	3057	0	140	6753	6745	-1263	16550	100	16650	2558	19208	49.95
12	5750	2164	311	8225	56	3027	0	173	6891	7172	-1249	17404	195	17599	2552	20151	49.98
13	5686	2063	298	8047	33	3031	0	166	6796	6830	-1204	16903	254	17157	2500	19657	49.95
14	5661	1684	296	7641	40	3026	0	166	6717	6941	-1104	16710	258	16968	2388	19356	49.98
15	5602	1694	297	7593	41	3034	0	140	6722	7002	-1105	16705	168	16873	2411	19284	49.94
16	5669	1873	298	7840	47	3046	0	104	6721	6983	-1095	16925	73	16998	2401	19399	49.92
17	5714	1611	298	7623	74	3038	0	55	6416	6648	-1093	16345	0	16345	2399	18744	49.93
18	5623	1251	312	7186	77	3030	0	14	6422	6533	-1171	15669	0	15669	2373	18042	49.92
19	5531	1173	303	7007	131	3034	0	0	6486	6531	-1271	15432	0	15432	2425	17857	49.95
20	5339	924	313	6576	159	2988	0	0	6335	6498	-1284	14937	0	14937	2383	17320	50.02
21	5059	666	304	6029	154	2929	0	0	5832	6048	-1326	13834	0	13834	2260	16094	49.99
22	5032	624	309	5965	103	2911	0	0	5567	5460	-1281	13158	0	13158	2067	15225	50.03
23	4783	527	319	5629	105	2892	0	0	5504	5109	-1150	12585	0	12585	1870	14455	50.00
24	4561	508	315	5384	116	2887	0	0	5474	5369	-963	12793	0	12793	1659	14452	49.97
MUs	127.03	25.91	7.43	160.37	2.06	71.60	0.00	1.11	146.34	149.71	-24.37	360.48	1.20	361.68	48.91	410.59	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 17/Jan/2017

Position as on 6.30 Hrs of 18/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 17/Jan/2017

Position as on 6.30 Hrs of 18/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	18/01/2017	00.12	Boiler validity work	
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	Koradi Unit 10	660	15/01/2017	04.10		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	16/01/2017	0730	18/01/2017	06.15	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 17/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 18/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	16/01/2017	16.44	17/01/2017	07.33	HT	Over Voltage
Karad Solapur (PG)	InterState	17/01/2017	09.12		Continued.	PO	Maintenance work(RFC 17.52Hrs)
Dhule Sar'Sarovar II	InterState	17/01/2017	19.19	18/01/2017	06.51	HT	Over Voltage
karad -kolhapur-II	IntraState	14/01/2017	09.57	17/01/2017	14.41	PO	Cold Washing Of Insulator String.(RFC 18.26)
Main Bus-II @ Koradi	IntraState	16/01/2017	12.12	17/01/2017	22.08	PO	DROPPER CONNECTION FROM BUS 2 TO DIA 2.
Bhusawal-Aurangabad	IntraState	16/01/2017	19.34	17/01/2017	07.02	HT	Over Voltage
Girwali- Lonikand 2	IntraState	17/01/2017	11.36	17/01/2017	18.17	PO	Testing Work
karad -kolhapur-I	IntraState	17/01/2017	16.39		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	17/01/2017	19.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/01/2017	20.16		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	17/01/2017	10.04	17/01/2017	18.45	PO	Line Maintenance work
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.
Waluj-Padegaon I	IntraState	17/01/2017	07.55	17/01/2017	12.59	T	Y Phase Jumper opened
Kandalgaon - ONGC Panvel	IntraState	17/01/2017	09.55	17/01/2017	18.30	PO	Testing Work
Vita - Mhaishal	IntraState	17/01/2017	11.00	17/01/2017	15.50	PO	Testing Work
Karad(400kv) - Wathar	IntraState	17/01/2017	11.00	17/01/2017	13.15	PO	Line Maintenance work
Paranda Tap Osmanabad - Barshi	IntraState	17/01/2017	11.15	17/01/2017	14.30	PO	Quarterly Maintainance Work
Babhaleshwar - Degaon Rangari	IntraState	17/01/2017	11.48	17/01/2017	17.55	EO	To attend Hot Spot
Akola-Paras Ckt No-Ii	IntraState	17/01/2017	12.15	17/01/2017	15.19	PO	Compressor problem Breaker O/H
220KV Sawangi- Bhokardan	IntraState	17/01/2017	13.20		Continued.	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	17/01/2017	13.53	17/01/2017	16.13	EO	To attend 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 @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.
220/132 Kv 200 Mva Bbl Ict 4 @Padegaon	IntraState	17/01/2017	07.55	17/01/2017	08.26	T	Bus Bar Protection Operated
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	17/01/2017	07.55	17/01/2017	12.40	T	Bus Bar Protection Operated
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	17/01/2017	07.55	17/01/2017	12.40	T	Bus Bar Protection Operated
220/132 Kv 100 Mva Bhel Ict 2 @Padegaon	IntraState	17/01/2017	07.55	17/01/2017	08.33	T	Bus Bar Protection Operated
132 KV LINE Outages/Trippings							
Hingoli-Ii - Hingoli-I Ckt 2	IntraState	17/01/2017	15.12	17/01/2017	15.56	T	Distance Protection

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