

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jan/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.395	3636.325	1) Gujrat	1.417	-15.364
2) Hydro	11.929	445.450	2) Madhya Pradesh	12.188	276.380
3) Gas	4.721	235.756	3) Chattisgarh	7.960	223.730
Total MSPGCL	155.045	4317.531	4) Maharashtra Net	124.695	3250.239
B) 1) APML	46.965	1273.700	5) Goa (Amona)	-0.560	-16.862
2) JSWEL	8.920	249.437	Total	145.700	3718.123
3) VIPL	6.350	171.108	a) Mumbai Schedule	22.867	462.677
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.126	628.566
5) WPCL	3.974	101.732	c) MSEDCL Bilateral *	37.355	927.721
6) PGPL	0.000	24.068	Include PX	7.260	105.723
7) Other IPP	7.338	220.958	d) Mumbai Bilateral *	22.867	462.677
C) 1) TPCL Thermal	5.371	170.006	Include PX	10.080	146.800
2) TPCL Hydro	6.426	139.702	Include Standby	0.000	0.000
3) TPCL Gas	2.117	85.943	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.730	281.464	1) MSEDCL	353.526	9630.737
D) STATE			2) Mumbai Discoms	51.769	1305.691
1) Thermal	228.043	6104.730	TOTAL STATE	405.295	10936.428
(A1+C1+C4+(B1-B6))					
2) Hydro	18.355	585.152			
(A2+C2)					
3) Gas	6.838	345.767			
(A3+B6+C3)					
4) Wind	5.082	151.608			
6) SOLAR	1.278	31.038			
TOTAL STATE	259.596	7218.295			

* 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	6076	6079	6203	5154
MSPGCL Hydro	1155	1257	409	99
MSPGCL Gas	148	158	151	311
MSPGCL Total Generation	7379	7494	6763	5564
Central Sector Receipt	7593	7629	6275	3921
WIND	42	37	176	438
CPP / IPP Thermal	3196	3186	3151	2846
CPP / IPP Gas	0	0	0	0
SOLAR	186	188	0	0
Exchange with Mumbai	-1406	-1363	-1429	-858
MSEDCL DEMAND MET	16990	17171	14936	11911
Load Shedding	0	0	0	0
MSEDCL DEMAND	16990	17171	14936	11911
TPCL GENERATION	789	797	669	289
R-INFRA GENERATION	506	509	430	388
MUMBAI DEMAND	2701	2669	2528	1535
STATE DEMAND MET	19691	19840	17464	13446
STATE DEMAND	19691	19840	17464	13446
Frequency (Hz)	49.95	49.99	49.96	50.12

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 00:01 Hrs	49.76 Hz at 07:08 Hrs	50.01	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 27/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	3.69	54.23	168	145
Unit 8	5.43	10.98	482	0
Unit 9	13.36	312.46	654	480
Unit 10	13.79	150.85	670	475
Total	36.27	528.51		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.48	250.32	500	355
Unit 5	10.68	278.48	510	365
Total	21.16	528.81		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	124.28	250	190
Unit 7	5.30	140.43	248	187
Unit 8	0.00	0.00	0	0
Total	10.64	264.71		
Chandrapur				
Unit 3	4.34	120.03	196	167
Unit 4	4.37	119.17	195	162
Unit 5	0.00	235.14	0	0
Unit 6	9.41	197.53	430	360
Unit 7	0.00	180.92	0	0
Unit 8	10.33	227.78	485	360
Unit 9	10.26	217.01	488	356
Total	38.71	1297.59		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	134.77	250	190
Total	5.43	134.77		
Khaparkheda				
Unit 1	4.16	110.30	190	155
Unit 2	4.20	112.24	195	150
Unit 3	4.41	112.57	203	160
Unit 4	4.25	73.89	191	160
Unit 5	0.39	247.90	193	0
Total	17.42	656.90		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.39	113.32	204	162
Unit 5	4.38	111.71	201	162
Total	8.77	225.04		
Uran				
All Units	4.72	235.76	332	147
Total	4.72	235.76		
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)	0.17	10.51	43	0
Total	0.17	10.51		
Koyna				
Stage 1-2	3.09	105.06	460	40
Stage 4	2.62	153.16	536	0
Stage 3	1.04	52.98	240	0
Total	6.75	311.19		
Hydro				
KDPH	0.44	11.82	19	18
VTRNA	1.00	18.90	59	0
TILLARI	0.50	10.69	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	8.03	80	0
RNGR+BHTSA	0.35	8.12	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.65	15.59	38	24
GHATGHAR	1.93	53.21	250	0
Total	5.18	134.26		
Wind				
Total	5.08	151.61	0	0
Total	5.08	151.61		
CPP				
APML(Mus)	46.96	1273.70	0	0
JSWEL(Mus)	8.92	249.44	0	0
VIPL(Mus)	6.35	171.11	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.97	101.73	0	0
Other(Mus)	7.34	220.96	0	0
Total	73.55	2016.94		
SOLAR				
Total	1.28	31.04	0	0
Total	1.28	31.04		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	51.53	50	48
Trombay 7B	0.94	34.41	40	38
Trombay 8	5.37	143.62	250	200
TATA Hydro	6.43	139.70	459	0
Total	13.91	395.65		
R-INFRA				
1-2	10.73	281.46	511	386
Total	10.73	281.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.40	3636.32	MSPGCL Total	155.04	4317.53
			MSPGCL Thml+Gas	143.12	3872.08	Koyna 1,2 & 4 Total	5.71	258.21
			MSPGCL Hydro	11.93	445.45	State Total	259.60	7218.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5108	99	310	5517	546	2849	0	0	3825	3882	-1013	11781	0	11781	1688	13469	50.15
2	5154	99	311	5564	438	2846	0	0	3688	3921	-858	11911	0	11911	1535	13446	50.12
3	5285	109	322	5716	458	2838	0	0	3559	3847	-820	12039	0	12039	1494	13533	50.13
4	5295	104	332	5731	284	2860	0	0	3645	4276	-780	12371	0	12371	1456	13827	50.06
5	5360	99	323	5782	221	2870	0	0	3990	4690	-792	12771	0	12771	1468	14239	50.05
6	5841	141	332	6314	200	3119	0	0	4980	5077	-852	13858	0	13858	1589	15447	50.00
7	6107	374	155	6636	238	3186	0	0	5905	5575	-840	14795	0	14795	1751	16546	49.97
8	6086	1264	156	7506	230	3180	0	4	6256	5998	-773	16145	0	16145	1957	18102	49.91
9	6050	1261	161	7472	119	3166	0	56	7090	7359	-876	17296	0	17296	2168	19464	50.00
10	6046	1042	151	7239	102	3169	0	116	7181	6977	-1230	16373	0	16373	2521	18894	49.95
11	5988	868	164	7020	86	3161	0	151	7316	7155	-1359	16214	0	16214	2656	18870	49.94
12	6076	1155	148	7379	42	3196	0	186	7619	7593	-1406	16990	0	16990	2701	19691	49.95
13	6079	1257	158	7494	37	3186	0	188	7636	7629	-1363	17171	0	17171	2669	19840	49.99
14	6001	662	147	6810	41	3169	0	185	7577	8059	-1250	17014	0	17014	2522	19536	50.03
15	6001	297	149	6447	33	3184	0	159	7599	7998	-1253	16568	0	16568	2532	19100	49.98
16	6017	409	156	6582	34	3194	0	131	7576	7681	-1228	16394	0	16394	2525	18919	49.92
17	6109	710	150	6969	48	3190	0	79	6749	6773	-1228	15831	0	15831	2526	18357	49.98
18	6058	412	161	6631	88	3170	0	23	6491	6652	-1185	15379	0	15379	2483	17862	50.00
19	6203	409	151	6763	176	3151	0	0	6467	6275	-1429	14936	0	14936	2528	17464	49.96
20	5812	398	151	6361	213	3127	0	0	6454	6362	-1470	14593	0	14593	2508	17101	50.00
21	5285	228	160	5673	281	3061	0	0	6194	6224	-1344	13895	0	13895	2334	16229	49.99
22	5418	154	154	5726	315	2990	0	0	5483	5383	-1265	13149	0	13149	2184	15333	50.01
23	5476	204	163	5843	432	2848	0	0	5128	5180	-1274	13029	0	13029	2043	15072	50.04
24	5540	174	156	5870	420	2839	0	0	5142	5134	-1238	13025	0	13025	1932	14957	50.02
MUs	138.40	11.93	4.72	155.04	5.08	73.55	0.00	1.28	143.55	145.70	-27.13	353.53	0.00	353.53	51.77	405.30	50.01

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 27/Jan/2017

Position as on 6.30 Hrs of 28/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	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Jan/2017

Position as on 6.30 Hrs of 28/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Hrs	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
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	Koyna STG- IV Unit - 1	250	19/01/2017	17.00		Continued.	GV Bolt Replacement.	
MSPGCL	Khaparkheda Unit 5	500	24/01/2017	21.31	27/01/2017	21.07	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	24/01/2017	23.55		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem.	
MSPGCL	Uran Unit 5	108	26/01/2017	09.35		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	27/01/2017	06.00		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	27/01/2017	06.00		Continued.	Gas shortage	
MSPGCL	Koradi Unit-8	660	27/01/2017	06.30	27/01/2017	11.02	ID Fan Problem	
MSPGCL	Koradi Unit-8	660	27/01/2017	12.59	27/01/2017	16.02	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 28/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	26/01/2017	09.22	27/01/2017	07.06	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	26/01/2017	23.09	27/01/2017	05.23	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/01/2017	18.10	28/01/2017	06.31	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/01/2017	21.18	27/01/2017	08.59	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	26/01/2017	16.34	27/01/2017	08.25	T	Over Voltage
Bhusawal-Aurangabad	IntraState	26/01/2017	18.14	27/01/2017	06.41	HT	Over Voltage
Koradi-Bhusawal	IntraState	27/01/2017	11.17	28/01/2017	06.19	PO	Routine Maintenance Work RFC 19.32.
New Koyna - Koyna Stage IV-II	IntraState	27/01/2017	13.18		Continued.	EO	Emergency outage (breaker accumulator problem)RFC 20.30 hrs.
karad -kolhapur-I	IntraState	27/01/2017	16.31		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/01/2017	16.34		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	26/01/2017	10.25	27/01/2017	01.28	PO	Overhauling of OLTC Y Ph & B Ph.
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.
Bhugaon-WardhaPG (Deoli)	IntraState	25/01/2017	12.07	27/01/2017	23.52	PO	Inline Tower Erection,Destriningg & Restriningg for Diversion of Bhugaon Wardha & Bhugaon Hinganghat @ Line in UGML Premises.
Tata Borivli MSETCL Borivli 4	IntraState	27/01/2017	09.06	27/01/2017	18.45	PO	Routine Maintenance Work
Chalisingaon-Malegaon	IntraState	27/01/2017	09.45	27/01/2017	17.17	PO	Construction work.
Pophali - New Koyna	IntraState	27/01/2017	10.10	27/01/2017	14.50	PO	Diagnostic work.
Uran - Jnpt	IntraState	27/01/2017	10.35	27/01/2017	17.38	PO	Tan Delta Measurment of CTs
Wani-Warora	IntraState	27/01/2017	10.45	27/01/2017	16.19	PO	Replacement of broken cross arm angle on R-phase and other works.
Gangapur-Valve	IntraState	27/01/2017	12.25	27/01/2017	17.55	PO	Annual Maintenance Work
Chinchwad- Parvati	IntraState	27/01/2017	13.13	27/01/2017	19.47	PO	Numerical B/U relay retrofitting work.
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/01/2017	10.10	27/01/2017	16.22	PO	Annual Maintenance Work
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 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	27/01/2017	11.44	27/01/2017	17.21	PO	OLTC servicing work.
132 KV LINE Outages/Trippings							
Hingoli 2- Akhada Balapur	IntraState	27/01/2017	02.11	27/01/2017	02.44	T	Distance Protection
Chitegaon - Garware	IntraState	27/01/2017	11.34	27/01/2017	17.28	T	ckt hand tripped in view of chitegaon ict outage.
Chitegaon - Paithan	IntraState	27/01/2017	11.35	27/01/2017	17.27	T	ckt hand tripped in view of chitegaon ict outage.

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 28/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khadka - Malkapur	IntraState	27/01/2017	13.24	27/01/2017	13.39	T	Distance Protection