

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jan/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.662	3778.987	1) Gujrat	0.396	-14.968
2) Hydro	13.474	458.924	2) Madhya Pradesh	9.858	286.238
3) Gas	3.713	239.469	3) Chattisgarh	7.150	230.880
Total MSPGCL	159.849	4477.380	4) Maharashtra Net	131.218	3381.457
B) 1) APML	47.409	1321.109	5) Goa (Amona)	-0.584	-17.446
2) JSWEL	8.887	258.324	Total	148.038	3866.161
3) VIPL	6.344	177.452	a) Mumbai Schedule	19.552	482.229
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.072	653.638
5) WPCL	3.913	105.645	c) MSEDCL Bilateral *	38.606	966.327
6) PGPL	0.000	24.068	Include PX	8.037	113.760
7) Other IPP	7.190	228.148	d) Mumbai Bilateral *	19.552	482.229
C) 1) TPCL Thermal	5.277	175.283	Include PX	6.760	153.560
2) TPCL Hydro	5.351	145.053	Include Standby	0.000	0.000
3) TPCL Gas	2.162	88.105	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.544	292.008	1) MSEDCL	366.751	9997.488
D) STATE			2) Mumbai Discoms	48.406	1354.097
1) Thermal	232.226	6336.956	TOTAL STATE	415.157	11351.585
(A1+C1+C4+(B1-B6))					
2) Hydro	18.825	603.977			
(A2+C2)					
3) Gas	5.875	351.642			
(A3+B6+C3)					
4) Wind	8.896	160.504			
6) SOLAR	1.297	32.335			
TOTAL STATE	267.119	7485.414			

* 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	6391	6242	6038	5668
MSPGCL Hydro	1061	1181	754	97
MSPGCL Gas	147	156	150	156
MSPGCL Total Generation	7599	7579	6942	5921
Central Sector Receipt	7341	7689	6539	4219
WIND	293	221	196	600
CPP / IPP Thermal	3140	3162	3160	2869
CPP / IPP Gas	0	0	0	0
SOLAR	168	202	1	0
Exchange with Mumbai	-1179	-1183	-1202	-715
MSEDCL DEMAND MET	17362	17670	15636	12894
Load Shedding	0	0	0	0
MSEDCL DEMAND	17362	17670	15636	12894
TPCL GENERATION	751	722	705	289
R-INFRA GENERATION	500	507	508	387
MUMBAI DEMAND	2430	2412	2415	1391
STATE DEMAND MET	19792	20082	18051	14285
STATE DEMAND	19792	20082	18051	14285
Frequency (Hz)	50.02	49.96	49.94	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 11.01 Hrs	49.78 Hz at 17.13 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 28/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	3.10	57.33	165	0
Unit 8	8.09	19.06	562	0
Unit 9	11.63	324.09	589	14
Unit 10	9.09	159.94	663	0
Total	31.91	560.42		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.56	260.89	510	360
Unit 5	9.06	287.55	510	0
Total	19.63	548.44		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.44	129.72	250	196
Unit 7	5.42	145.84	252	187
Unit 8	0.00	0.00	0	0
Total	10.85	275.56		
Chandrapur				
Unit 3	4.51	124.54	200	170
Unit 4	4.51	123.68	196	172
Unit 5	0.40	235.53	193	0
Unit 6	9.97	207.50	440	355
Unit 7	0.00	180.92	0	0
Unit 8	10.08	237.87	483	360
Unit 9	9.97	226.98	457	360
Total	39.44	1337.03		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.47	140.24	250	190
Total	5.47	140.24		
Khaparkheda				
Unit 1	4.10	114.41	185	160
Unit 2	4.19	116.43	200	160
Unit 3	4.30	116.87	202	160
Unit 4	4.17	78.05	191	140
Unit 5	10.01	257.90	500	230
Total	26.77	683.67		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.30	117.62	201	162
Unit 5	4.29	116.00	195	165
Total	8.59	233.63		
Uran				
All Units	3.71	239.47	166	138
Total	3.71	239.47		
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	10.68	52	0
Total	0.17	10.68		
Koyna				
Stage 1-2	2.75	107.80	400	40
Stage 4	3.66	156.82	493	0
Stage 3	1.70	54.68	240	0
Total	8.11	319.30		
Hydro				
KDPH	0.44	12.26	19	18
VTRNA	1.10	20.00	59	0
TILLARI	0.48	11.17	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	8.33	80	0
RNGR+BHTSA	0.35	8.47	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	2.76	0	0
SMLHY_PTN	0.62	16.21	35	23
GHATGHAR	2.07	55.28	250	0
Total	5.36	139.62		
Wind				
Total	8.90	160.50	0	0
Total	8.90	160.50		
CPP				
APML(Mus)	47.41	1321.11	0	0
JSWEL(Mus)	8.89	258.32	0	0
VIPL(Mus)	6.34	177.45	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.91	105.64	0	0
Other(Mus)	7.19	228.15	0	0
Total	73.74	2090.68		
SOLAR				
Total	1.30	32.34	0	0
Total	1.30	32.34		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	52.73	50	49
Trombay 7B	0.96	35.37	42	39
Trombay 8	5.28	148.90	249	200
TATA Hydro	5.35	145.05	421	0
Total	12.79	408.44		
R-INFRA				
1-2	10.54	292.01	509	386
Total	10.54	292.01		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.66	3778.99	MSPGCL Total	159.85	4477.38
			MSPGCL Thml+Gas	146.38	4018.46	Koyna 1,2 & 4 Total	6.41	264.62
			MSPGCL Hydro	13.47	458.92	State Total	267.12	7485.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5570	225	165	5960	419	2883	0	0	4841	4716	-938	13040	0	13040	1637	14677	49.95
2	5594	128	156	5878	415	2863	0	0	4649	4743	-849	13050	0	13050	1528	14578	49.99
3	5673	112	165	5950	522	2864	0	0	4791	4593	-756	13173	0	13173	1435	14608	50.00
4	5668	97	156	5921	600	2869	0	0	4672	4219	-715	12894	0	12894	1391	14285	49.98
5	5574	97	165	5836	587	2846	0	0	4812	4788	-718	13339	0	13339	1395	14734	49.99
6	5860	152	156	6168	628	3022	0	0	5380	5290	-747	14361	0	14361	1510	15871	49.98
7	6602	241	166	7009	689	3146	0	0	5933	5500	-784	15560	0	15560	1642	17202	49.99
8	6791	533	156	7480	661	3154	0	5	6672	6333	-701	16932	0	16932	1793	18725	50.00
9	6844	549	165	7558	581	3172	0	57	7189	7175	-884	17659	0	17659	1967	19626	49.95
10	6512	729	155	7396	432	3156	0	114	6975	6984	-1089	16993	0	16993	2155	19148	49.97
11	6496	824	149	7469	315	3154	0	150	7043	7058	-1399	16747	0	16747	2390	19137	50.03
12	6391	1061	147	7599	293	3140	0	168	7403	7341	-1179	17362	0	17362	2430	19792	50.02
13	6242	1181	156	7579	221	3162	0	202	7563	7689	-1183	17670	0	17670	2412	20082	49.96
14	6230	919	146	7295	187	3121	0	181	7519	7501	-1133	17152	0	17152	2314	19466	50.05
15	6168	811	151	7130	182	3127	0	171	7419	7384	-1141	16853	0	16853	2309	19162	49.98
16	6233	954	138	7325	192	3139	0	134	7456	7394	-1111	17073	0	17073	2304	19377	49.98
17	5844	1288	143	7275	207	3146	0	83	6782	6744	-1108	16347	0	16347	2326	18673	49.99
18	5991	1199	157	7347	205	3110	0	31	6336	6300	-1123	15870	0	15870	2309	18179	50.00
19	6038	754	150	6942	196	3160	0	1	6304	6539	-1202	15636	0	15636	2415	18051	49.94
20	6074	553	158	6785	201	3147	0	0	6386	6217	-1284	15066	0	15066	2443	17509	50.02
21	5312	321	150	5783	195	3113	0	0	6249	6222	-1316	13997	0	13997	2280	16277	50.00
22	5279	243	151	5673	259	3076	0	0	5897	5843	-1318	13533	0	13533	2173	15706	50.02
23	5114	210	161	5485	307	3096	0	0	5654	5552	-1212	13228	0	13228	1980	15208	49.97
24	4562	293	151	5006	402	3080	0	0	5588	5913	-1182	13219	0	13219	1868	15087	50.01
MUs	142.66	13.47	3.71	159.85	8.90	73.74	0.00	1.30	149.51	148.04	-25.07	366.75	0.00	366.75	48.41	415.16	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 28/Jan/2017

Position as on 6.30 Hrs of 29/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 28/Jan/2017

Position as on 6.30 Hrs of 29/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 U2	126	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Koyna STG- IV Unit - 1	250	19/01/2017	17.00	29/01/2017	12.35	GV Bolt Replacement.	
MSPGCL	Chandrapur Unit 5	500	24/01/2017	23.55	28/01/2017	21.23	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	29/01/2017	19.18	Gas shortage	
MSPGCL	Uran Unit 6	108	27/01/2017	06.00	29/01/2017	13.57	Gas shortage	
MSPGCL	Koradi Unit-8	660	28/01/2017	10.43	28/01/2017	15.23	Boiler Feed Pimp trip.	
MSPGCL	Koradi Unit 7	210	28/01/2017	11.55	28/01/2017	15.43	Generator Elect. Fault	
MSPGCL	Koradi Unit 10	660	28/01/2017	15.59	29/01/2017	02.24	BFP Tripped.	
MSPGCL	Bhusawal Unit 5	500	28/01/2017	20.08	29/01/2017	03.03	Drum level low	
MSPGCL	Koradi Unit 9	660	28/01/2017	23.08		Continued.	Debrish Filter Jamming.	
MSPGCL	Paras Unit 4	250	29/01/2017	06.48	29/01/2017	09.10	Drum level low	
MSPGCL	Koradi Unit-8	660	29/01/2017	22.05		Continued.	FD Fan Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 29/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	28/01/2017	22.58	29/01/2017	03.48	PO	Line Maintenance work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	27/01/2017	18.10	28/01/2017	06.31	HT	Over Voltage
Dabhol Nagothane II	InterState	28/01/2017	10.32		Continued.	EO	Emergency outage Earth Wire Stringing Work.
Koradi Bhilai	InterState	28/01/2017	10.55	28/01/2017	18.10	EO	Attending Hot Spot
Dhule Sar'Sarovar II	InterState	28/01/2017	16.41	29/01/2017	06.39	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/01/2017	16.51		Continued.	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	28/01/2017	12.02	EO	Emergency outage (breaker accumulator problem)RFC 20.30 hrs.
karad -kolhapur-I	IntraState	27/01/2017	16.31	28/01/2017	08.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/01/2017	16.34	28/01/2017	08.50	HT	Over Voltage
Akola II - Akola I Ckt-I	IntraState	28/01/2017	15.17	28/01/2017	15.27	EO	Emergency outage to Remove cloth hanging on CT.
karad -kolhapur-II	IntraState	28/01/2017	16.32	29/01/2017	08.32	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/01/2017	16.34	29/01/2017	08.53	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/01/2017	20.06	29/01/2017	06.39	HT	Over Voltage
Padghe - Kalwa-II	IntraState	29/01/2017	07.42	29/01/2017	11.52	PO	Repairing Of Damaged Conductor.
Main Bus - II @ Kalwa	IntraState	29/01/2017	07.51	29/01/2017	11.29	PO	Repairing Of Damaged Conductor.
karad -kolhapur-I	IntraState	29/01/2017	16.45		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/01/2017	16.48		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/01/2017	18.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	28/01/2017	07.22	28/01/2017	18.12	PO	Diagnostic Testing.
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.
Babhleshwar- Alephata	IntraState	28/01/2017	06.06	28/01/2017	19.14	PO	Crossing Of PGCIL 765kv Aurangabad-Padgha Line.
Babhleshwar- Ranjangaon	IntraState	28/01/2017	06.30	28/01/2017	18.48	PO	Crossing Of PGCIL 765kv Aurangabad-Padgha Line.
Boisar Versova Line	IntraState	28/01/2017	07.28	28/01/2017	23.17	PO	Routine Maintenance Work
Magar Patta City- Serum	IntraState	28/01/2017	09.55		Continued.	PO	Routine Maintenance Work
New Koyna - Niwali	IntraState	28/01/2017	10.15	28/01/2017	12.55	PO	Tan Delta Measurment of CTs
Nagar-Bose II	IntraState	28/01/2017	10.19	28/01/2017	14.37	PO	Bay Maintenance Work.
220KV Chalisagaon-Kopergaon	IntraState	28/01/2017	14.00	28/01/2017	16.45	PO	Bus Bar Protection Work.
New Koyna - Pedambe	IntraState	28/01/2017	14.25	28/01/2017	17.20	PO	Tan Delta Measurment of CTs
Babhleshwar- Alephata	IntraState	29/01/2017	00.21	29/01/2017	14.02	HT	Sparking on Wave Trap at Bableshwar End.
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)

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 28/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 29/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 100MVA ICT-I @ Belewadi	IntraState	28/01/2017	11.10	28/01/2017	14.10	PO	Quarterly Maintainance Work
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	29/01/2017	10.09	29/01/2017	22.14	PO	Routine Maintenance Work