

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.281	3932.299	1) Gujrat	2.187	40.217
2) Hydro	12.011	392.173	2) Madhya Pradesh	11.305	360.492
3) Gas	10.376	271.082	3) Chattisgarh	7.750	221.782
Total MSPGCL	166.668	4595.554	4) Maharashtra Net	132.710	3818.826
B) 1) APML	72.827	1421.100	5) Goa (Amona)	-0.730	-17.818
2) JSWEL	9.608	263.770	Total	153.222	4423.499
3) VIPL	6.810	183.421	a) Mumbai Schedule	20.552	485.818
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.420	571.430
5) WPCL	4.608	111.957	c) MSEDCL Bilateral *	38.845	1265.242
6) PGPL	0.000	7.780	Include PX	8.485	173.262
7) Other IPP	6.099	186.822	d) Mumbai Bilateral *	20.552	485.818
C) 1) TPCL Thermal	15.705	383.214	Include PX	9.548	189.431
2) TPCL Hydro	4.813	103.039	Include Standby	0.000	0.000
3) TPCL Gas	4.444	111.674	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.096	299.334	1) MSEDCL	404.404	10865.981
D) STATE			2) Mumbai Discoms	58.478	1468.680
1) Thermal	271.034	6781.917	TOTAL STATE	462.882	12334.661
(A1+C1+C4+(B1-B6))					
2) Hydro	16.824	495.212			
(A2+C2)					
3) Gas	14.820	390.536			
(A3+B6+C3)					
4) Wind	5.595	206.436			
6) SOLAR	1.387	37.072			
TOTAL STATE	309.660	7911.173			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6222	6192	6180	5427
MSPGCL Hydro	992	723	462	136
MSPGCL Gas	413	405	440	450
MSPGCL Total Generation	7627	7320	7082	6013
Central Sector Receipt	7500	7724	5992	5408
WIND	323	349	135	444
CPP / IPP Thermal	4152	4140	4187	4107
CPP / IPP Gas	0	0	0	0
SOLAR	181	200	0	0
Exchange with Mumbai	-1102	-1128	-1062	-597
MSEDCL DEMAND MET	18681	18605	16334	15375
Load Shedding	0	0	0	0
MSEDCL DEMAND	18681	18605	16334	15375
TPCL GENERATION	1384	1348	1201	697
R-INFRA GENERATION	495	501	505	388
MUMBAI DEMAND	2981	2977	2768	1682
STATE DEMAND MET	21662	21582	19102	17057
STATE DEMAND	21662	21582	19102	17057
Frequency (Hz)	49.97	49.98	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 13.01 Hrs	49.81 Hz at 21.04 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 28/Feb/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	45.58	0	0
Unit 8	14.63	373.42	660	500
Unit 9	9.46	205.51	405	376
Unit 10	0.00	66.63	0	0
Total	24.10	691.13		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	47.24	170	160
Unit 4	11.37	304.72	510	370
Unit 5	11.32	265.83	510	370
Total	26.67	617.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.66	135.67	250	198
Unit 7	5.27	151.35	248	191
Unit 8	0.00	0.00	0	0
Total	10.93	287.02		
Chandrapur				
Unit 3	4.60	127.32	199	170
Unit 4	4.53	127.45	198	172
Unit 5	10.31	285.70	455	365
Unit 6	10.26	136.99	450	365
Unit 7	0.00	0.00	0	0
Unit 8	0.00	253.17	0	0
Unit 9	10.18	295.76	445	330
Total	39.88	1226.39		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.86	156.72	256	202
Total	5.86	156.72		
Khaparkheda				
Unit 1	4.24	115.60	190	160
Unit 2	3.77	117.42	190	0
Unit 3	4.57	108.61	200	160
Unit 4	4.38	108.01	191	161
Unit 5	11.00	261.85	500	380
Total	27.96	711.50		
Nasik				
Unit 3	4.40	120.31	200	165
Unit 4	4.49	19.58	205	164
Unit 5	0.00	101.86	0	0
Total	8.88	241.74		
Uran				
All Units	10.38	271.08	456	400
Total	10.38	271.08		
PGPL				
Unit 1	0.00	4.70	0	0
Unit 2	0.00	3.08	0	0
Total	0.00	7.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.14	7.56	30	0
Total	0.14	7.56		
Koyna				
Stage 1-2	3.80	95.59	485	40
Stage 4	1.68	101.52	498	0
Stage 3	1.16	43.10	86	0
Total	6.63	240.21		
Hydro				
KDPH	0.86	21.15	36	36
VTRNA	0.47	18.13	59	0
TILLARI	0.42	12.72	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.85	63	0
RNGR+BHTSA	0.34	8.63	15	14
BHANDARDRA	0.52	11.36	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	18.34	19	18
GHATGHAR	2.10	55.79	250	0
Total	5.38	151.96		
Wind				
Total	5.60	206.44	0	0
Total	5.60	206.44		
CPP				
APML(Mus)	72.83	1421.10	0	0
JSWEL(Mus)	9.61	263.77	0	0
VIPL(Mus)	6.81	183.42	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.61	111.96	0	0
Other(Mus)	6.10	186.82	0	0
Total	99.95	2167.07		
SOLAR				
Total	1.39	37.07	0	0
Total	1.39	37.07		
Tata				
Trombay 5	10.20	236.18	487	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	69.62	122	95
Trombay 7B	1.62	42.06	69	60
Trombay 8	5.51	147.04	250	199
TATA Hydro	4.81	103.04	459	0
Total	24.96	597.93		
R-INFRA				
1-2	11.10	299.33	511	385
Total	11.10	299.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.28	3932.30	MSPGCL Total	166.67	4595.55
			MSPGCL Thml+Gas	154.66	4203.38	Koyna 1,2 & 4 Total	5.48	197.11
			MSPGCL Hydro	12.01	392.17	State Total	309.66	7911.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Feb/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	6247	130	439	6816	220	4166	0	0	5763	5578	-933	15847	0	15847	2017	17864	49.95
2	5754	135	451	6340	218	4135	0	0	5646	5557	-790	15460	0	15460	1874	17334	49.98
3	5441	130	440	6011	326	4092	0	0	5569	5698	-666	15461	0	15461	1753	17214	50.00
4	5427	136	450	6013	444	4107	0	0	5533	5408	-597	15375	0	15375	1682	17057	49.98
5	5410	136	452	5998	415	4105	0	0	5558	5601	-597	15522	0	15522	1681	17203	49.98
6	5823	178	450	6451	409	4173	0	0	5622	5880	-596	16317	0	16317	1772	18089	49.96
7	6237	792	445	7474	364	4193	0	0	5960	5997	-533	17495	0	17495	1965	19460	50.01
8	6176	1081	456	7713	296	4240	0	15	6775	6484	-522	18226	0	18226	2138	20364	49.96
9	6176	920	445	7541	156	4237	0	77	7002	7063	-709	18365	0	18365	2369	20734	49.99
10	6133	830	442	7405	138	4190	0	126	6752	6762	-928	17693	0	17693	2723	20416	49.99
11	6164	853	434	7451	173	4162	0	167	6992	6952	-1033	17872	0	17872	2863	20735	49.96
12	6222	992	413	7627	323	4152	0	181	7383	7500	-1102	18681	0	18681	2981	21662	49.97
13	6192	723	405	7320	349	4140	0	200	7697	7724	-1128	18605	0	18605	2977	21582	49.98
14	6224	486	401	7111	290	4140	0	187	7471	7401	-1108	18021	0	18021	2853	20874	50.00
15	6228	771	400	7399	231	4120	0	172	7204	7416	-1086	18252	0	18252	2905	21157	49.94
16	6199	696	423	7318	198	4077	0	138	7432	7523	-1105	18149	0	18149	2946	21095	49.96
17	6239	631	411	7281	149	4105	0	87	7025	7140	-1152	17610	0	17610	2951	20561	49.93
18	6215	551	410	7176	169	4109	0	37	6095	6412	-1040	16863	0	16863	2845	19708	49.96
19	6169	402	424	6995	144	4139	0	0	6064	5895	-1065	16108	0	16108	2783	18891	49.99
20	6180	462	440	7082	135	4187	0	0	6099	5992	-1062	16334	0	16334	2768	19102	49.99
21	6171	271	431	6873	87	4242	0	0	6047	5700	-1079	15823	0	15823	2603	18426	49.98
22	6074	190	434	6698	54	4250	0	0	6007	5541	-1221	15322	0	15322	2453	17775	49.96
23	5639	189	445	6273	110	4262	0	0	5920	6015	-1230	15430	0	15430	2353	17783	49.93
24	5541	326	435	6302	197	4227	0	0	5777	5983	-1138	15571	0	15571	2223	17794	49.96
MUs	144.28	12.01	10.38	166.67	5.59	99.95	0.00	1.39	153.39	153.22	-22.42	404.40	0.00	404.40	58.48	462.88	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 28/Feb/2017

Position as on 6.30 Hrs of 01/Mar/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	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyana Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
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	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
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	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
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 by MSEDCL	
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.	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Feb/2017

Position as on 6.30 Hrs of 01/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit-8	500	27/02/2017	12.24		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	28/02/2017	22.51		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 01/Mar/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	27/02/2017	19.34	28/02/2017	06.02	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/02/2017	18.41	01/03/2017	05.28	HT	Over Voltage
Main Bus - II @ Kalwa	IntraState	24/02/2017	08.55		Continued.	PO	Conductor Replacement Work.
Padghe - Kalwa- I	IntraState	27/02/2017	07.14	28/02/2017	16.01	PO	Conductor Replacement Work.
karad -kolhapur-I	IntraState	27/02/2017	16.37	28/02/2017	07.24	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/02/2017	18.04	28/02/2017	07.51	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/02/2017	19.58	28/02/2017	05.55	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	28/02/2017	08.44	28/02/2017	09.17	T	TRIPPED ON DP.
Nagothane - Dabhol-II	IntraState	28/02/2017	13.26		Continued.	T	DP TRIP.
Bhusawal-Aurangabad	IntraState	28/02/2017	19.45	01/03/2017	06.42	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	24/02/2017	14.25		Continued.	PO	R Ph Unit Overhauling Work.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	27/02/2017	07.14	28/02/2017	20.48	PO	Shifted On Tbc For IPS Replacement.
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	28/02/2017	10.17	28/02/2017	18.30	PO	Routine Maintenance Work
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.
Pophli Pedhmbe Line- 2	IntraState	13/02/2017	03.40		Continued.	T	Distance Protection at pedhmbe end
Trombay MSETCL Tie 2	IntraState	22/02/2017	09.24		Continued.	PO	protection panel replacement work.
karad - Dasgaon	IntraState	28/02/2017	10.16	28/02/2017	18.09	PO	Routine Maintenance Work
Vilebagad-PGPL	IntraState	28/02/2017	11.11	28/02/2017	13.15	PO	Testing Work
Kalwa - Borivali	IntraState	01/03/2017	06.24		Continued.	EO	Attending 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)

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