

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.787	1650.751	1) Gujrat	4.168	5.610
2) Hydro	6.532	152.926	2) Madhya Pradesh	12.938	182.345
3) Gas	10.567	136.024	3) Chattisgarh	7.380	108.000
Total MSPGCL	132.886	1939.701	4) Maharashtra Net	106.905	1701.172
B) 1) APML	61.847	922.734	5) Goa (Amona)	-0.616	-8.722
2) JSWEL	16.752	206.094	Total	130.775	1988.405
3) VIPL	5.226	80.633	a) Mumbai Schedule	11.525	245.229
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	14.225	274.988
5) WPCL	2.627	42.828	c) MSEDCL Bilateral *	29.537	469.939
6) PGPL	0.000	0.000	Include PX	1.864	96.640
7) Other IPP	6.029	79.497	d) Mumbai Bilateral *	11.525	245.229
C) 1) TPCL Thermal	11.974	185.755	Include PX	2.041	96.071
2) TPCL Hydro	0.662	46.087	Include Standby	0.000	0.000
3) TPCL Gas	4.550	57.798	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.292	134.146	1) MSEDCL	347.432	5114.860
D) STATE			2) Mumbai Discoms	40.703	698.763
1) Thermal	229.534	3302.438	TOTAL STATE	388.135	5813.623
(A1+C1+C4+(B1-B6))					
2) Hydro	7.194	199.013			
(A2+C2)					
3) Gas	15.117	193.822			
(A3+B6+C3)					
4) Wind	4.054	111.750			
6) SOLAR	1.461	18.206			
TOTAL STATE	257.360	3825.229			

* 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 24 Hrs
MSPGCL Thermal	5140	5266	4926	4899
MSPGCL Hydro	622	476	325	197
MSPGCL Gas	432	437	441	440
MSPGCL Total Generation	6194	6179	5692	5536
Central Sector Receipt	5978	6103	4908	4436
WIND	75	26	152	138
CPP / IPP Thermal	3973	4252	3531	3481
CPP / IPP Gas	0	0	0	0
SOLAR	207	195	0	0
Exchange with Mumbai	-599	-682	-844	-748
MSEDCL DEMAND MET	15828	16073	13439	12843
Load Shedding	0	0	0	0
MSEDCL DEMAND	15828	16073	13439	12843
TPCL GENERATION	733	736	750	687
R-INFRA GENERATION	387	387	387	387
MUMBAI DEMAND	1719	1805	1981	1822
STATE DEMAND MET	17547	17878	15420	14665
STATE DEMAND	17547	17878	15420	14665
Frequency (Hz)	49.98	49.96	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 18.03 Hrs	49.84 Hz at 18.48 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 13/Mar/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	0.00	0	0
Unit 8	12.01	178.16	600	490
Unit 9	8.68	110.72	400	307
Unit 10	0.00	0.00	0	0
Total	20.68	288.87		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	8.94	135.74	375	365
Unit 5	8.99	135.94	380	360
Total	17.93	280.73		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.91	70.52	214	199
Unit 7	4.78	68.53	209	187
Unit 8	0.00	0.00	0	0
Total	9.69	139.05		
Chandrapur				
Unit 3	4.34	57.52	197	168
Unit 4	4.36	43.23	194	170
Unit 5	9.65	129.78	450	360
Unit 6	7.21	99.58	440	0
Unit 7	0.00	0.00	0	0
Unit 8	9.28	81.49	465	358
Unit 9	6.51	89.51	446	0
Total	41.35	501.11		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.99	72.31	245	197
Total	4.99	72.31		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	3.87	46.60	165	160
Unit 3	0.00	43.03	0	0
Unit 4	0.00	26.57	0	0
Unit 5	9.26	136.18	391	380
Total	13.13	258.70		
Nasik				
Unit 3	4.04	55.20	175	165
Unit 4	3.98	54.77	171	161
Unit 5	0.00	0.00	0	0
Total	8.01	109.98		
Uran				
All Units	10.57	136.02	454	413
Total	10.57	136.02		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.30	1.52	50	0
Total	0.30	1.52		
Koyna				
Stage 1-2	1.99	37.47	375	40
Stage 4	0.00	31.07	0	0
Stage 3	0.35	15.06	80	0
Total	2.34	83.60		
Hydro				
KDPH	0.86	11.23	36	36
VTRNA	1.42	14.79	60	58
TILLARI	0.38	6.81	64	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.04	2.55	27	0
RNGR+BHTSA	0.29	4.08	12	12
BHANDARDRA	0.49	6.39	21	20
ELDARY	0.25	1.90	11	10
SMLHY_PTN	0.46	7.24	20	19
GHATGHAR	0.00	13.81	0	0
Total	4.19	69.32		
Wind				
Total	4.05	111.75	0	0
Total	4.05	111.75		
CPP				
APML(Mus)	61.85	922.73	0	0
JSWEL(Mus)	16.75	206.09	0	0
VIPL(Mus)	5.23	80.63	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.63	42.83	0	0
Other(Mus)	6.03	79.50	0	0
Total	92.48	1331.79		
SOLAR				
Total	1.46	18.21	0	0
Total	1.46	18.21		
Tata				
Trombay 5	7.28	117.94	307	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	37.08	122	121
Trombay 7B	1.63	20.72	69	67
Trombay 8	4.70	67.81	199	193
TATA Hydro	0.66	46.09	65	0
Total	17.19	289.64		
R-INFRA				
1-2	9.29	134.15	388	387
Total	9.29	134.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.79	1650.75	MSPGCL Total	132.89	1939.70
			MSPGCL Thml+Gas	126.35	1786.78	Koyna 1,2 & 4 Total	1.99	68.54
			MSPGCL Hydro	6.53	152.93	State Total	257.36	3825.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/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	4281	199	442	4922	163	3948	0	0	5769	5911	-589	14355	0	14355	1669	16024	49.99
2	4252	204	454	4910	127	3964	0	0	5848	5571	-476	14096	0	14096	1556	15652	50.00
3	4114	204	443	4761	119	3965	0	0	5769	5526	-426	13945	0	13945	1506	15451	50.01
4	4173	199	454	4826	123	3942	0	0	5702	5380	-402	13869	0	13869	1479	15348	50.01
5	4265	208	443	4916	209	3966	0	0	5845	5313	-402	14002	0	14002	1480	15482	49.99
6	4392	203	454	5049	287	3978	0	0	5790	5635	-425	14524	0	14524	1504	16028	49.96
7	4703	342	443	5488	388	3948	0	0	6005	5896	-435	15285	0	15285	1512	16797	50.01
8	4920	282	453	5655	363	3927	0	25	6418	6299	-439	15830	0	15830	1518	17348	50.02
9	5042	276	449	5767	296	3924	0	81	6340	5930	-442	15556	0	15556	1531	17087	50.01
10	4987	318	442	5747	197	3896	0	140	5796	5548	-431	15097	0	15097	1571	16668	50.06
11	5000	487	440	5927	113	3795	0	165	5718	5607	-471	15136	0	15136	1616	16752	50.00
12	5140	622	432	6194	75	3973	0	207	6197	5978	-599	15828	0	15828	1719	17547	49.98
13	5266	476	437	6179	26	4252	0	195	6319	6103	-682	16073	0	16073	1805	17878	49.96
14	5341	207	425	5973	36	4340	0	203	6168	5967	-708	15811	0	15811	1830	17641	50.02
15	5202	198	421	5821	67	4215	0	171	6213	5825	-615	15484	0	15484	1736	17220	50.03
16	5206	201	413	5820	104	4002	0	143	6261	6018	-600	15487	0	15487	1720	17207	49.98
17	5049	197	436	5682	141	3934	0	89	5795	5420	-599	14667	0	14667	1724	16391	50.00
18	4928	206	434	5568	209	3560	0	41	5713	5205	-610	13973	0	13973	1735	15708	50.07
19	4925	280	436	5641	184	3486	0	1	5108	4781	-694	13399	0	13399	1812	15211	50.02
20	4926	325	441	5692	152	3531	0	0	5156	4908	-844	13439	0	13439	1981	15420	50.00
21	4924	297	440	5661	175	3515	0	0	5320	4805	-864	13292	0	13292	1998	15290	50.00
22	4929	202	448	5579	195	3487	0	0	4561	4198	-895	12564	0	12564	1977	14541	49.99
23	4923	202	447	5572	167	3448	0	0	4476	4515	-829	12873	0	12873	1902	14775	50.01
24	4899	197	440	5536	138	3481	0	0	4389	4436	-748	12843	0	12843	1822	14665	50.02
MUs	115.79	6.53	10.57	132.89	4.05	92.48	0.00	1.46	136.68	130.77	-14.22	347.43	0.00	347.43	40.70	388.14	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 13/Mar/2017

Position as on 6.30 Hrs of 14/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	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.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Mar/2017

Position as on 6.30 Hrs of 14/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	
MSPGCL	Khaparkheda Unit 4	210	07/03/2017	07.19		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	08/03/2017	15.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	10/03/2017	08.50	13/03/2017	03.20	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	10/03/2017	19.46	13/03/2017	05.17	Air Preheater Problem.	
MSPGCL	Khaparkheda Unit 3	210	10/03/2017	23.50		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 5	108	14/03/2017	01.27		Continued.	Filter Replacement Work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 14/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	12/03/2017	18.05		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/03/2017	16.35		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	12/03/2017	16.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/03/2017	17.55		Continued.	HT	Over Voltage
Deepnagar - Aurangabad	IntraState	13/03/2017	17.28		Continued.	T	Distance Protection
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.
Kharghar - Tss Panvel	IntraState	05/03/2017	08.16		Continued.	PO	Removal of bunching to from TSS -PGPL line.
Kharghar-PGPL	IntraState	05/03/2017	08.35		Continued.	EO	Removal of bunching to from TSS -PGPL line.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	13/03/2017	10.14	13/03/2017	14.53	PO	Routine Maintenance 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)
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	13/03/2017	13.30	13/03/2017	14.05	PO	Attending Hot Spot
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	13/03/2017	14.06	13/03/2017	14.25	PO	Isolator Maintenance Work.
132 KV LINE Outages/Trippings							
Boisar Ii - Viraj	IntraState	13/03/2017	10.08	13/03/2017	12.08	PO	Annual Maintenance Work

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