

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Feb/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.297	1616.303	1) Gujrat	0.307	11.630
2) Hydro	11.527	192.568	2) Madhya Pradesh	11.224	156.978
3) Gas	10.918	106.009	3) Chattisgarh	7.610	95.682
Total MSPGCL	157.742	1914.880	4) Maharashtra Net	134.781	1686.172
B) 1) APML	44.651	546.458	5) Goa (Amona)	-0.562	-7.304
2) JSWEL	9.779	111.342	Total	153.360	1943.158
3) VIPL	6.369	79.646	a) Mumbai Schedule	13.611	196.339
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	13.139	230.524
5) WPCL	3.937	44.780	c) MSEDCL Bilateral *	50.624	535.150
6) PGPL	0.000	7.780	Include PX	8.722	98.204
7) Other IPP	7.051	82.807	d) Mumbai Bilateral *	13.611	196.339
C) 1) TPCL Thermal	14.434	147.676	Include PX	3.791	67.467
2) TPCL Hydro	0.073	44.655	Include Standby	0.000	0.000
3) TPCL Gas	3.518	44.302	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.646	129.770	1) MSEDCL	374.639	4564.382
D) STATE			2) Mumbai Discoms	41.810	596.926
1) Thermal	232.164	2758.782	TOTAL STATE	416.449	5161.308
(A1+C1+C4+(B1-B6))					
2) Hydro	11.600	237.223			
(A2+C2)					
3) Gas	14.436	158.091			
(A3+B6+C3)					
4) Wind	3.648	49.074			
6) SOLAR	1.241	14.981			
TOTAL STATE	263.089	3218.151			

* 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 23 Hrs
MSPGCL Thermal	6118	6101	5628	4914
MSPGCL Hydro	1114	1043	423	136
MSPGCL Gas	452	426	450	464
MSPGCL Total Generation	7684	7570	6501	5514
Central Sector Receipt	7347	7402	6235	5537
WIND	77	81	130	422
CPP / IPP Thermal	3056	3046	2948	2791
CPP / IPP Gas	0	0	0	0
SOLAR	182	182	0	0
Exchange with Mumbai	-602	-545	-792	-854
MSEDCL DEMAND MET	17744	17736	15022	13410
Load Shedding	0	0	0	0
MSEDCL DEMAND	17744	17736	15022	13410
TPCL GENERATION	885	884	683	635
R-INFRA GENERATION	505	509	387	388
MUMBAI DEMAND	1992	1938	1862	1877
STATE DEMAND MET	19736	19674	16884	15287
STATE DEMAND	19736	19674	16884	15287
Frequency (Hz)	49.97	50.00	49.99	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18:02 Hrs	49.83 Hz at 18:51 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 12/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	3.62	36.22	170	100
Unit 8	14.59	159.74	660	537
Unit 9	9.10	57.57	385	362
Unit 10	0.00	66.63	0	0
Total	27.30	320.15		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.42	132.84	510	360
Unit 5	10.47	93.51	510	365
Total	20.88	226.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.35	59.85	250	122
Unit 7	5.47	66.41	252	198
Unit 8	0.00	0.00	0	0
Total	9.82	126.26		
Chandrapur				
Unit 3	4.49	55.19	200	167
Unit 4	4.55	55.47	199	172
Unit 5	10.15	125.22	460	365
Unit 6	0.00	26.45	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.84	106.69	492	390
Unit 9	9.54	128.86	500	0
Total	39.58	497.87		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.28	65.71	253	169
Total	5.28	65.71		
Khaparkheda				
Unit 1	4.20	50.46	190	155
Unit 2	4.18	50.80	190	160
Unit 3	1.08	40.38	162	0
Unit 4	4.16	41.28	190	155
Unit 5	10.17	92.61	500	364
Total	23.78	275.53		
Nasik				
Unit 3	4.34	51.98	205	160
Unit 4	0.00	0.00	0	0
Unit 5	4.31	52.45	202	160
Total	8.64	104.43		
Uran				
All Units	10.92	106.01	480	426
Total	10.92	106.01		
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)	0.28	5.01	47	0
Total	0.28	5.01		
Koyna				
Stage 1-2	3.34	45.44	450	40
Stage 4	1.72	57.56	250	0
Stage 3	1.40	22.49	160	0
Total	6.46	125.49		
Hydro				
KDPH	0.89	9.27	37	37
VTRNA	0.58	10.91	60	0
TILLARI	0.50	5.74	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	2.74	40	0
RNGR+BHTSA	0.34	3.49	15	14
BHANDARDRA	0.51	2.63	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	8.52	48	34
GHATGHAR	1.23	23.77	125	0
Total	5.06	67.08		
Wind				
Total	3.65	49.07	0	0
Total	3.65	49.07		
CPP				
APML(Mus)	44.65	546.46	0	0
JSWEL(Mus)	9.78	111.34	0	0
VIPL(Mus)	6.37	79.65	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.94	44.78	0	0
Other(Mus)	7.05	82.81	0	0
Total	71.79	865.03		
SOLAR				
Total	1.24	14.98	0	0
Total	1.24	14.98		
Tata				
Trombay 5	9.34	84.14	477	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	27.35	115	64
Trombay 7B	1.28	16.95	68	32
Trombay 8	5.10	63.53	230	199
TATA Hydro	0.07	44.66	40	5
Total	18.02	236.63		
R-INFRA				
1-2	10.65	129.77	511	386
Total	10.65	129.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.30	1616.30	MSPGCL Total	157.74	1914.88
			MSPGCL Thml+Gas	146.22	1722.31	Koyna 1,2 & 4 Total	5.07	103.00
			MSPGCL Hydro	11.53	192.57	State Total	263.09	3218.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	5230	148	467	5845	313	2922	0	0	5608	5799	-607	14272	0	14272	1629	15901	49.98
2	5249	148	476	5873	247	2986	0	0	5595	5540	-443	14203	0	14203	1464	15667	49.98
3	5237	157	468	5862	139	3007	0	0	5464	5321	-389	13940	0	13940	1408	15348	50.01
4	5232	162	468	5862	135	3007	0	0	5471	5403	-339	14068	0	14068	1361	15429	50.02
5	5292	217	479	5988	77	3014	0	0	5612	5631	-351	14359	0	14359	1371	15730	49.97
6	5732	217	465	6414	74	3043	0	0	5870	5719	-361	14889	0	14889	1459	16348	50.00
7	5951	328	472	6751	117	3095	0	0	6408	6286	-261	15988	0	15988	1552	17540	50.04
8	6055	586	480	7121	122	3107	0	10	7118	7167	-287	17240	0	17240	1640	18880	50.00
9	6064	1058	466	7588	98	3112	0	54	7132	7336	-351	17837	0	17837	1731	19568	49.98
10	6041	807	471	7319	75	3103	0	114	6955	6865	-490	16986	0	16986	1881	18867	50.00
11	6066	927	440	7433	47	3068	0	153	6851	6849	-575	16975	0	16975	1975	18950	49.99
12	6118	1114	452	7684	77	3056	0	182	7322	7347	-602	17744	0	17744	1992	19736	49.97
13	6101	1043	426	7570	81	3046	0	182	7201	7402	-545	17736	0	17736	1938	19674	50.00
14	6035	642	427	7104	70	3065	0	179	7131	7386	-487	17317	0	17317	1880	19197	50.03
15	6052	662	440	7154	73	3028	0	154	7090	6979	-419	16969	0	16969	1810	18779	50.02
16	6094	582	429	7105	75	3010	0	123	7079	7254	-384	17183	0	17183	1778	18961	50.02
17	6020	365	426	6811	95	3009	0	68	6840	6828	-423	16388	0	16388	1749	18137	50.02
18	5722	607	447	6776	115	2968	0	22	6153	6314	-631	15564	0	15564	1756	17320	50.05
19	5628	423	450	6501	130	2948	0	0	6299	6235	-792	15022	0	15022	1862	16884	49.99
20	5554	503	444	6501	95	2916	0	0	6408	6279	-924	14867	0	14867	2000	16867	50.02
21	4957	352	465	5774	275	2873	0	0	6339	6338	-970	14290	0	14290	1997	16287	50.01
22	4893	236	446	5575	364	2798	0	0	5742	5895	-946	13686	0	13686	1970	15656	50.04
23	4914	136	464	5514	422	2791	0	0	5364	5537	-854	13410	0	13410	1877	15287	50.05
24	5060	107	450	5617	332	2812	0	0	5458	5650	-708	13703	0	13703	1730	15433	50.11
MUs	135.30	11.53	10.92	157.74	3.65	71.79	0.00	1.24	152.51	153.36	-13.14	374.64	0.00	374.64	41.81	416.45	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 12/Feb/2017

Position as on 6.30 Hrs of 13/Feb/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	
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 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Feb/2017

Position as on 6.30 Hrs of 13/Feb/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	31/01/2017	02.55		Continued.	WITHDRAW UNDER ZERO SCHEDULE.	
IPP	Adani U-4	660	31/01/2017	23.57		Continued.	COAL PROBLEM.	
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 3	210	11/02/2017	07.02	12/02/2017	16.34	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	11/02/2017	15.36		Continued.	Control Oil Pressure Low	
MSPGCL	Chandrapur Unit 9	500	12/02/2017	19.55	13/02/2017	00.40	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Feb/2017

Statement-VII

Position as on 6.30 Hrs of 13/Feb/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	11/02/2017	17.15	12/02/2017	06.43	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/02/2017	17.36		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	11/02/2017	16.39	12/02/2017	09.38	HT	Over Voltage
karad -kolhapur-I	IntraState	11/02/2017	16.41	12/02/2017	09.35	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/02/2017	18.27	12/02/2017	06.35	HT	Over Voltage
Padghe - Kalwa-II	IntraState	12/02/2017	09.45	12/02/2017	16.43	PO	For Old Rusted Conductor Replacement Work.
karad -kolhapur-II	IntraState	12/02/2017	16.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/02/2017	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/02/2017	20.00		Continued.	HT	Over Voltage
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.
Chandrapur MIDC - GEPL Ckt I	IntraState	20/12/2016	18.36		Continued.	HT	Energy Bill Ending At GEPL End.
Chinchwad- Parvati	IntraState	08/02/2017	11.55		Continued.	PO	Construction Work
TPC Borivali Aarey Line 1	IntraState	12/02/2017	07.32	13/02/2017	00.51	PO	Maintenance Work.
Trombay Salsette 1 Backbay	IntraState	12/02/2017	08.15	12/02/2017	19.30	PO	B Phase CVT Repalcement Work.
Kalwa-Salsette-VI	IntraState	12/02/2017	10.31	12/02/2017	14.45	PO	Tree Trimming.
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	13/02/2017	01.47	13/02/2017	02.08	T	Distance Protection
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)
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	26/06/2016	19.25		Continued.	HT	Abnormal Sound Observed.
220/100 Kv 50 Mva Gec Ict 1 @Kandurgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augmentation Work(Outage for 3 Months).
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	09/02/2017	09.53	09/02/2017	Continued.	PO	Testing Work

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