

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 13/Feb/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.509	1543.337	1) Gujrat	1.108	1.655
2) Hydro	10.487	135.525	2) Madhya Pradesh	17.210	227.913
3) Gas	7.231	105.577	3) Chattisgarh	7.930	102.860
Total MSPGCL	138.227	1784.439	4) Maharashtra Net	97.148	1335.188
B) 1) APML	41.613	652.467	5) Goa (Amona)	-0.814	-8.778
2) JSWEL	16.399	224.867	Total	122.582	1658.838
3) VIPL	6.021	78.739	a) Mumbai Schedule	17.056	253.103
4) RPL(AMT)	21.825	286.794	b) Mumbai Drawl	17.682	286.472
5) WPCL	4.503	54.601	c) MSEDCL Bilateral *	19.011	270.877
6) PGPL	0.000	0.000	Include PX	1.277	38.364
7) Other IPP	11.686	160.389	d) Mumbai Bilateral *	17.056	249.291
C) 1) TPCL Thermal	13.526	185.772	Include PX	4.860	91.112
2) TPCL Hydro	3.194	35.746	Include Standby	0.000	3.813
3) TPCL Gas	4.373	47.017	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.214	102.434	1) MSEDCL	352.439	4729.571
D) STATE			2) Mumbai Discoms	48.990	657.451
1) Thermal	246.296	3289.400	TOTAL STATE	401.429	5387.022
(A1+C1+C4+(B1-B6))					
2) Hydro	13.681	171.271			
(A2+C2)					
3) Gas	11.604	152.594			
(A3+B6+C3)					
4) Wind	4.068	73.829			
6) SOLAR	3.197	41.080			
TOTAL STATE	278.846	3728.174			

* 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 3 Hrs
MSPGCL Thermal	5474	5484	5033	4400
MSPGCL Hydro	1065	870	391	158
MSPGCL Gas	287	284	274	298
MSPGCL Total Generation	6826	6638	5698	4856
Central Sector Receipt	6071	5740	5113	3937
WIND	102	103	65	241
CPP / IPP Thermal	4733	4727	4282	3663
CPP / IPP Gas	0	0	0	0
SOLAR	446	477	0	0
Exchange with Mumbai	-903	-882	-1050	-359
MSEDCL DEMAND MET	17275	16803	14108	12338
Load Shedding	0	0	0	0
MSEDCL DEMAND	17275	16803	14108	12338
TPCL GENERATION	1123	1092	960	685
R-INFRA GENERATION	502	503	375	377
MUMBAI DEMAND	2528	2477	2385	1421
STATE DEMAND MET	19803	19280	16493	13759
STATE DEMAND	19803	19280	16493	13759
Frequency (Hz)	50.03	49.98	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06:01 Hrs	49.79 Hz at 10.09 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 13/Feb/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.86	147.30	605	440
Unit 9	0.00	0.00	0	0
Unit 10	12.34	150.07	632	460
Total	25.20	297.38		
Bhusawal				
Unit 3	4.25	45.53	200	160
Unit 4	10.48	130.76	500	350
Unit 5	10.44	131.23	490	350
Total	25.18	307.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	66.85	248	190
Unit 7	0.00	0.00	0	0
Unit 8	5.11	64.83	249	186
Total	10.30	131.68		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.66	78.06	440	345
Unit 6	0.00	0.00	0	0
Unit 7	7.86	127.03	453	0
Unit 8	0.00	92.81	0	0
Unit 9	10.54	137.95	495	354
Total	28.06	435.85		
Paras				
Unit 3	5.54	7.86	253	187
Unit 4	5.60	70.19	257	194
Total	11.13	78.05		
Khaparkheda				
Unit 1	2.37	45.88	160	0
Unit 2	3.80	13.52	160	150
Unit 3	0.00	0.00	0	0
Unit 4	3.76	48.26	165	150
Unit 5	2.59	79.27	395	0
Total	12.53	186.92		
Nasik				
Unit 3	4.16	54.02	192	157
Unit 4	3.96	51.92	172	155
Unit 5	0.00	0.00	0	0
Total	8.12	105.94		
Uran				
All Units	7.23	105.58	391	274
Total	7.23	105.58		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.06	1.18	29	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.18		
Koyna				
Stage 1-2	2.32	32.00	400	40
Stage 4	3.11	29.34	486	0
Stage 3	1.17	13.76	160	0
Total	6.60	75.10		
Hydro				
KDPH	0.00	8.72	0	0
VTRNA	1.28	14.90	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	1.63	77	0
RNGR+BHTSA	0.37	4.64	16	15
BHANDARDRA	0.46	5.90	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	10.87	27	26
GHATGHAR	1.03	13.37	125	0
Total	3.89	60.42		
Wind				
Total	4.07	73.83	0	0
Total	4.07	73.83		
CPP				
APML(Mus)	41.61	652.47	0	0
JSWEL(Mus)	16.40	224.87	0	0
VIPL(Mus)	6.02	78.74	0	0
RPLAMT(Mus)	21.82	286.79	0	0
WPCL(Mus)	4.50	54.60	0	0
Other(Mus)	11.69	160.39	0	0
Total	102.05	1457.86		
SOLAR				
Total	3.20	41.08	0	0
Total	3.20	41.08		
Tata				
Trombay 5	8.46	118.48	490	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	28.31	116	114
Trombay 7B	1.61	18.70	68	66
Trombay 8	5.06	67.30	237	198
TATA Hydro	3.19	35.75	297	0
Total	21.09	268.54		
R-INFRA				
DTPS U-1&2	10.21	102.43	503	374
Total	10.21	102.43		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.51	1543.34	MSPGCL Total	138.23	1784.44
			MSPGCL Thml+Gas	127.74	1648.91	Koyna 1,2 & 4 Total	5.43	61.34
			MSPGCL Hydro	10.49	135.52	State Total	278.85	3728.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Feb/2018

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	4391	162	306	4859	287	3638	0	0	4239	4211	-540	12455	0	12455	1613	14068	50.01
2	4397	158	298	4853	248	3648	0	0	4101	4175	-430	12494	0	12494	1488	13982	50.01
3	4400	158	298	4856	241	3663	0	0	3748	3937	-359	12338	0	12338	1421	13759	49.99
4	4423	175	299	4897	191	3663	0	0	3868	4008	-321	12438	0	12438	1380	13818	50.00
5	4407	179	300	4886	195	3663	0	0	4687	4497	-337	12904	0	12904	1396	14300	50.01
6	4769	174	310	5253	185	3809	0	0	4965	4985	-448	13784	0	13784	1504	15288	50.03
7	5261	174	300	5735	154	4222	0	0	5265	5559	-584	15086	0	15086	1635	16721	49.99
8	5436	698	310	6444	140	4588	0	42	5539	5712	-620	16306	0	16306	1836	18142	49.97
9	5454	951	307	6712	67	4750	0	175	5259	5335	-573	16466	0	16466	2134	18600	49.92
10	5461	1279	293	7033	80	4770	0	304	5267	5662	-758	17091	0	17091	2371	19462	49.95
11	5436	1035	280	6751	117	4527	0	410	5674	5786	-902	16689	0	16689	2514	19203	49.96
12	5474	1065	287	6826	102	4733	0	446	5932	6071	-903	17275	0	17275	2528	19803	50.03
13	5484	870	284	6638	103	4727	0	477	5559	5740	-882	16803	0	16803	2477	19280	49.98
14	5458	720	281	6459	141	4718	0	460	5469	5513	-812	16479	0	16479	2340	18819	50.01
15	5514	641	281	6436	173	4709	0	361	5454	5607	-833	16453	0	16453	2369	18822	49.97
16	5579	442	279	6300	172	4691	0	291	5461	5423	-870	16007	0	16007	2359	18366	49.98
17	5549	237	282	6068	168	4717	0	179	5462	5707	-857	15982	0	15982	2347	18329	49.94
18	5161	172	282	5615	98	4463	0	52	5370	5084	-986	14326	0	14326	2344	16670	49.98
19	4947	167	282	5396	91	4310	0	0	5383	5341	-1073	14065	0	14065	2367	16432	49.97
20	5033	391	274	5698	65	4282	0	0	5430	5113	-1050	14108	0	14108	2385	16493	49.98
21	4867	161	285	5313	140	4266	0	0	5203	5190	-1042	13867	0	13867	2291	16158	50.00
22	4548	161	336	5045	197	3983	0	0	5064	5096	-942	13379	0	13379	2137	15516	50.00
23	4502	156	386	5044	308	3817	0	0	4969	4598	-839	12928	0	12928	1958	14886	49.99
24	4558	161	391	5110	405	3687	0	0	4724	4239	-721	12720	0	12720	1795	14515	49.99
MUs	120.51	10.49	7.23	138.23	4.07	102.04	0.00	3.20	122.09	122.59	-17.68	352.44	0.00	352.44	48.99	401.43	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 13/Feb/2018

Position as on 6.30 Hrs of 14/Feb/2018

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.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Koyna Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		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	
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.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Feb/2018

Position as on 6.30 Hrs of 14/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage	
MSPGCL	Khaparkheda Unit 5	500	11/02/2018	04.14	13/02/2018	14.37	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	11/02/2018	22.16		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound	
MSPGCL	Uran Unit 8	108	12/02/2018	22.26	13/02/2018	21.21	Generator Protection operated	
MSPGCL	Khaparkheda Unit 1	210	13/02/2018	15.52		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 7	500	13/02/2018	17.28		Continued.	On Pre Air Heater Pressure Low & Syn At 21.04 Hrs.	
MSPGCL	Uran Unit 8	108	14/02/2018	00.04		Continued.	Tripped On Bearing Vibration High.	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2018

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	09/02/2018	10.06		Continued.	OO	Line Maintenance work
Dhule Khandwa I	InterState	13/02/2018	17.58	13/02/2018	18.32	T	Bus Bar OPTD At Khandwa, DT Received At Dhule.
Dhule Khandwa II	InterState	13/02/2018	17.58	13/02/2018	18.42	T	Bus Bar OPTD At Khandwa, DT Received At Dhule.
Padgha Tarapur I	InterState	14/02/2018	03.55		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	11/02/2018	18.23	13/02/2018	09.37	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/02/2018	18.02	13/02/2018	09.34	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/02/2018	18.21	13/02/2018	09.36	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	12/02/2018	20.10	13/02/2018	07.57	T	Distance Protection
karad -kolhapur-II	IntraState	13/02/2018	15.13		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/02/2018	17.14		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/02/2018	17.58		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400 Kv 167 Mva Spare Ict @Warora	IntraState	20/01/2018	09.24	13/02/2018	14.20	PO	Leakage Of Nitrogen Gas Cylinder CTR Panel.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01		Continued.	EO	due to negative dga report.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Nerul - Sonkhar	IntraState	11/02/2018	06.34		Continued.	PO	Reorientation work
Kharghar Trombay	IntraState	11/02/2018	07.38		Continued.	PO	Reorientation work
Taloja II - OCIL-I	IntraState	13/02/2018	07.03	13/02/2018	17.15	PO	Routine Maintenance Work
Khadka-Chalisgaon-1	IntraState	13/02/2018	08.24	13/02/2018	18.34	PO	Conductor Restranging Work Due To Low Ground Clearance.
Uran - Apta III	IntraState	13/02/2018	10.05	13/02/2018	14.14	PO	CT Tan Delta Testing.
Parli(U-VIII) GCR CKT	IntraState	13/02/2018	10.08	13/02/2018	14.43	PO	Diagnostic Testing Work.
Talandage(400kv) - Five Star Midc	IntraState	13/02/2018	10.37	13/02/2018	20.13	PO	Routine Maintenance Work
Karad-Nerle	IntraState	13/02/2018	10.38	13/02/2018	17.09	PO	Routine Maintenance Work
Adlabs - Pedambe	IntraState	13/02/2018	12.15	13/02/2018	18.33	PO	Insulator String Replacement.
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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220 / 110 / 33 250 MVA ICT 2 @	IntraState	31/01/2018	10.40		Continued.	T	220 kv bus 2 fault.

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 13/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 14/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Borivli(T)							
220/100 Kv 200 MVA ICT I @Apta	IntraState	13/02/2018	11.35	13/02/2018	15.26	PO	CTR Work.
132 KV LINE Outages/Trippings							
Yavatmal-Ghatanji	IntraState	13/02/2018	02.14	13/02/2018	02.26	T	Backup Protection Operated O/C & E/F.
Amgaon- Amgaon Rly Tss 2	IntraState	13/02/2018	18.55	13/02/2018	19.05	T	Backup Protection
Amgaon- Amgaon Rly Tss 2	IntraState	13/02/2018	20.10	13/02/2018	20.35	T	Backup Protection Operated O/C & E/F.