

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.083	1837.052	1) Gujrat	-0.246	0.627
2) Hydro	12.794	192.431	2) Madhya Pradesh	20.259	262.045
3) Gas	7.162	76.179	3) Chattisgarh	6.010	81.700
Total MSPGCL	167.039	2105.662	4) Maharashtra Net	122.806	1511.310
B) 1) APML	44.830	566.866	5) Goa (Amona)	-0.770	-7.722
2) JSWEL	19.339	241.306	Total	148.059	1847.960
3) VIPL	12.454	111.283	a) Mumbai Schedule	24.759	279.104
4) RPL(AMT)	12.366	222.012	b) Mumbai Drawl	26.240	298.767
5) WPCL	4.496	50.498	c) MSEDCL Bilateral *	41.523	503.048
6) PGPL	0.000	0.000	Include PX	13.527	150.357
7) Other IPP	11.292	144.618	d) Mumbai Bilateral *	24.759	279.104
C) 1) TPCL Thermal	15.486	207.007	Include PX	4.958	76.630
2) TPCL Hydro	3.660	52.210	Include Standby	0.000	0.000
3) TPCL Gas	4.199	43.329	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.082	146.448	1) MSEDCL	404.781	5104.614
D) STATE			2) Mumbai Discoms	60.669	747.780
1) Thermal	278.428	3527.090	TOTAL STATE	465.450	5852.394
(A1+C1+C4+(B1-B6))					
2) Hydro	16.454	244.641			
(A2+C2)					
3) Gas	11.361	119.508			
(A3+B6+C3)					
4) Wind	7.619	69.626			
6) SOLAR	3.527	43.550			
TOTAL STATE	317.389	4004.415			

* 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	6205	6141	6128	5967
MSPGCL Hydro	1167	1210	130	188
MSPGCL Gas	278	264	293	294
MSPGCL Total Generation	7650	7615	6551	6449
Central Sector Receipt	7269	7359	5899	5203
WIND	184	159	560	315
CPP / IPP Thermal	4461	4397	4503	4118
CPP / IPP Gas	0	0	0	0
SOLAR	514	504	0	0
Exchange with Mumbai	-1332	-1355	-1120	-774
MSEDCL DEMAND MET	18746	18679	16393	15311
Load Shedding	0	0	0	0
MSEDCL DEMAND	18746	18679	16393	15311
TPCL GENERATION	1241	1225	1139	696
R-INFRA GENERATION	497	500	499	375
MUMBAI DEMAND	3070	3080	2758	1845
STATE DEMAND MET	21816	21759	19151	17156
STATE DEMAND	21816	21759	19151	17156
Frequency (Hz)	49.98	49.95	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.02 Hrs	49.75 Hz at 22.04 Hrs	49.96	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/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	13.14	115.10	560	532
Unit 9	12.62	130.42	553	459
Unit 10	12.92	180.40	575	460
Total	38.68	425.93		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.52	148.76	495	470
Unit 5	11.86	150.50	500	490
Total	23.38	299.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.94	73.98	250	232
Unit 7	5.85	73.26	252	234
Unit 8	5.55	71.38	245	218
Total	17.34	218.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.81	139.40	460	440
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	11.38	86.58	490	458
Unit 9	10.78	146.06	472	420
Total	32.97	422.07		
Paras				
Unit 3	0.02	54.19	16	0
Unit 4	6.00	75.36	251	250
Total	6.02	129.55		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.43	40.89	195	170
Unit 4	4.57	46.38	204	162
Unit 5	11.18	148.42	490	436
Total	20.18	235.70		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.13	53.58	180	159
Unit 5	4.37	48.52	195	159
Total	8.50	105.93		
Uran				
All Units	7.16	76.18	417	264
Total	7.16	76.18		
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)	0.02	0.46	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.46		
Koyna				
Stage 1-2	2.80	51.82	325	40
Stage 4	5.12	67.90	600	0
Stage 3	1.41	25.23	160	0
Total	9.33	144.95		
Hydro				
KDPH	0.43	9.71	18	18
VTRNA	1.38	15.34	61	13
TILLARI	0.24	1.02	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	2.72	60	0
RNGR+BHTSA	0.34	4.01	15	14
BHANDARDRA	0.46	4.38	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	8.00	22	21
GHATGHAR	0.00	2.30	0	0
Total	3.46	47.48		
Wind				
Total	7.62	69.63	0	0
Total	7.62	69.63		
CPP				
APML(Mus)	44.83	566.87	0	0
JSWEL(Mus)	19.34	241.31	0	0
VIPL(Mus)	12.45	111.28	0	0
RPLAMT(Mus)	12.37	222.01	0	0
WPCL(Mus)	4.50	50.50	0	0
Other(Mus)	11.29	144.62	0	0
Total	104.78	1336.58		
SOLAR				
Total	3.53	43.55	0	0
Total	3.53	43.55		
Tata				
Trombay 5	10.01	134.83	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	26.03	115	90
Trombay 7B	1.57	17.30	68	59
Trombay 8	5.48	72.18	245	199
TATA Hydro	3.66	52.21	327	18
Total	23.34	302.55		
R-INFRA				
DTPS U-1&2	11.08	146.45	501	375
Total	11.08	146.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.08	1837.05	MSPGCL Total	167.04	2105.66
			MSPGCL Thml+Gas	154.24	1913.23	Koyna 1,2 & 4 Total	7.93	119.72
			MSPGCL Hydro	12.79	192.43	State Total	317.39	4004.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/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	6013	319	291	6623	423	4338	0	0	5509	5408	-1013	15779	0	15779	2251	18030	49.95
2	6044	174	281	6499	403	4277	0	0	5476	5245	-848	15576	0	15576	2094	17670	50.01
3	6006	178	291	6475	285	4241	0	0	5440	5085	-856	15230	0	15230	1950	17180	49.98
4	5967	188	294	6449	315	4118	0	0	5417	5203	-774	15311	0	15311	1845	17156	49.95
5	6022	178	305	6505	365	4102	0	0	5468	5477	-770	15679	0	15679	1829	17508	49.96
6	6123	174	296	6593	337	4121	0	0	6075	5978	-804	16225	0	16225	1907	18132	49.95
7	6223	468	287	6978	301	4502	0	0	6504	6541	-687	17635	0	17635	2063	19698	49.96
8	6249	517	297	7063	167	4496	0	62	6424	6299	-699	17388	0	17388	2207	19595	49.97
9	6239	478	292	7009	147	4508	0	197	6168	6148	-929	17080	0	17080	2476	19556	49.94
10	6256	849	294	7399	191	4461	0	348	6179	6057	-1185	17271	0	17271	2783	20054	49.91
11	6191	924	271	7386	197	4472	0	450	6582	6728	-1345	17888	0	17888	3011	20899	49.97
12	6205	1167	278	7650	184	4461	0	514	7274	7269	-1332	18746	0	18746	3070	21816	49.98
13	6141	1210	264	7615	159	4397	0	504	7328	7359	-1355	18679	0	18679	3080	21759	49.95
14	6150	1102	276	7528	153	4373	0	488	7026	7297	-1297	18542	0	18542	2972	21514	50.03
15	6179	1092	266	7537	133	4431	0	396	7339	7279	-1287	18489	0	18489	2985	21474	49.98
16	6165	1107	275	7547	144	4479	0	312	7351	7347	-1285	18544	0	18544	2985	21529	49.94
17	6145	994	266	7405	206	4476	0	188	7222	7216	-1254	18237	0	18237	2949	21186	49.94
18	6132	653	278	7063	253	4403	0	67	6581	6304	-1310	16780	0	16780	2867	19647	49.99
19	6146	183	270	6599	406	4404	0	1	5791	5779	-1191	15998	0	15998	2775	18773	49.95
20	6128	130	293	6551	560	4503	0	0	5732	5899	-1120	16393	0	16393	2758	19151	49.97
21	6089	173	329	6591	578	4416	0	0	5681	5374	-1188	15771	0	15771	2629	18400	49.96
22	6068	192	354	6614	596	4252	0	0	5559	5595	-1270	15787	0	15787	2448	18235	49.94
23	6107	172	397	6676	581	4297	0	0	5563	5656	-1243	15967	0	15967	2389	18356	49.94
24	6095	172	417	6684	535	4250	0	0	5593	5516	-1198	15787	0	15787	2344	18131	49.88
MUs	147.08	12.79	7.16	167.04	7.62	104.78	0.00	3.53	149.28	148.06	-26.24	404.78	0.00	404.78	60.67	465.45	49.96

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/2018

Position as on 6.30 Hrs of 14/Mar/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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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.	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
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	
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	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	

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

Position as on 6.30 Hrs of 14/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage(Converted to coal shortage w.e.f 23.02.2018	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	
IPP	RPL(AMT) U-1	270	10/03/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	12/03/2018	21.19	13/03/2018	19.29	Turbine oil Leakage	
MSPGCL	Paras Unit 3	250	12/03/2018	23.24	13/03/2018	23.30	Air heater problem	
MSPGCL	Khaparkheda Unit 3	210	14/03/2018	00.27		Continued.	Coal Shortage	

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

Statement-VII

Position as on 6.30 Hrs of 14/Mar/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 I	InterState	12/03/2018	18.07	13/03/2018	06.39	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/03/2018	18.01		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/03/2018	18.13	13/03/2018	06.23	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	13/03/2018	09.03	13/03/2018	21.54	PO	Line Washing Work
Chandrapur-II - Nanded ckt II	IntraState	13/03/2018	11.10	13/03/2018	16.09	PO	isolater maintenance work
Nagothane - Dabhol I	IntraState	13/03/2018	16.33	13/03/2018	16.52	T	Bus Bar Protection Operated
Padghe - Nagothane - II	IntraState	13/03/2018	16.33	13/03/2018	21.08	T	Bus Bar Protection Operated
Khadka-Aurangabad (Waluj)	IntraState	13/03/2018	18.24		Continued.	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	13/03/2018	19.40		Continued.	HT	Attend 29D B-PH line isolator(Tripped on Distance protection 23.50 hrs)
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	13/03/2018	16.33	13/03/2018	18.35	T	Bus Bar Protection Operated
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.
Borivali - Tarapur	InterState	13/03/2018	13.40	13/03/2018	14.08	T	Distance Protection
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
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 I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work
Karad - Kadegaon	IntraState	13/03/2018	07.58	13/03/2018	09.30	PO	Quarterly Maintanance Work
Kandalgaon - Koyna	IntraState	13/03/2018	10.10	13/03/2018	19.00	PO	Line Maintenance work
karad - Dasgaon	IntraState	13/03/2018	10.14	13/03/2018	17.01	PO	Testing Work
Apta - Kalwa	IntraState	13/03/2018	10.47	13/03/2018	16.37	PO	Line Maintenance work
Boisar II - Tarapur	IntraState	13/03/2018	13.40	13/03/2018	16.15	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	14/03/2018	04.27		Continued.	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(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)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	13/03/2018	10.23	13/03/2018	17.20	PO	Routine Maintenance Work
220/100 KV 200 MVA ICT II @Padghe	IntraState	13/03/2018	10.40	13/03/2018	16.16	PO	Taken on TBC

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