

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Mar/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.030	1974.082	1) Gujrat	1.547	2.174
2) Hydro	14.771	207.202	2) Madhya Pradesh	20.352	282.397
3) Gas	9.751	85.930	3) Chattisgarh	6.020	87.720
Total MSPGCL	161.552	2267.214	4) Maharashtra Net	120.192	1631.502
B) 1) APML	46.251	613.117	5) Goa (Amona)	-0.792	-8.514
2) JSWEL	19.525	260.831	Total	147.319	1995.279
3) VIPL	12.287	123.570	a) Mumbai Schedule	24.766	303.870
4) RPL(AMT)	12.256	234.268	b) Mumbai Drawl	25.633	324.400
5) WPCL	4.454	54.952	c) MSEDCL Bilateral *	37.483	540.531
6) PGPL	0.000	0.000	Include PX	10.355	160.712
7) Other IPP	11.359	155.977	d) Mumbai Bilateral *	24.766	303.870
C) 1) TPCL Thermal	15.891	222.898	Include PX	5.106	81.736
2) TPCL Hydro	4.328	56.538	Include Standby	0.000	0.000
3) TPCL Gas	4.138	47.467	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.165	157.613	1) MSEDCL	401.744	5506.358
D) STATE			2) Mumbai Discoms	61.155	808.935
1) Thermal	270.218	3797.308	TOTAL STATE	462.899	6315.293
(A1+C1+C4+(B1-B6))					
2) Hydro	19.099	263.740			
(A2+C2)					
3) Gas	13.889	133.397			
(A3+B6+C3)					
4) Wind	9.324	78.950			
6) SOLAR	3.050	46.600			
TOTAL STATE	315.580	4319.995			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5766	5620	5678	5852
MSPGCL Hydro	1173	860	591	120
MSPGCL Gas	397	393	413	420
MSPGCL Total Generation	7336	6873	6682	6392
Central Sector Receipt	7093	7415	5672	5486
WIND	347	270	462	371
CPP / IPP Thermal	4568	4507	4479	4119
CPP / IPP Gas	0	0	0	0
SOLAR	441	358	0	0
Exchange with Mumbai	-1341	-1253	-1143	-832
MSEDCL DEMAND MET	18444	18170	16152	15536
Load Shedding	0	0	0	0
MSEDCL DEMAND	18444	18170	16152	15536
TPCL GENERATION	1250	1196	1179	659
R-INFRA GENERATION	503	501	499	375
MUMBAI DEMAND	3094	2950	2821	1866
STATE DEMAND MET	21538	21120	18973	17402
STATE DEMAND	21538	21120	18973	17402
Frequency (Hz)	49.96	49.96	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12.00 Hrs	49.67 Hz at 21.19 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 14/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	9.83	124.93	547	337
Unit 9	10.19	140.61	564	353
Unit 10	11.16	191.56	581	360
Total	31.19	457.11		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.64	160.40	500	460
Unit 5	11.79	162.29	500	455
Total	23.43	322.69		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.80	79.78	250	188
Unit 7	5.56	78.82	252	165
Unit 8	5.06	76.44	242	180
Total	16.42	235.04		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.65	150.05	455	430
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	11.24	97.83	484	450
Unit 9	11.03	157.09	476	438
Total	32.93	455.00		
Paras				
Unit 3	5.57	59.76	253	149
Unit 4	6.05	81.41	255	250
Total	11.62	141.17		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.07	0.07	45	0
Unit 3	0.05	40.93	47	0
Unit 4	4.52	50.90	206	165
Unit 5	10.20	158.62	450	400
Total	14.83	250.53		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.14	57.72	178	163
Unit 5	2.48	51.00	186	0
Total	6.61	112.55		
Uran				
All Units	9.75	85.93	423	384
Total	9.75	85.93		
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)	0.10	0.55	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.55		
Koyna				
Stage 1-2	3.83	55.66	435	35
Stage 4	5.05	72.95	750	0
Stage 3	2.26	27.49	240	0
Total	11.14	156.10		
Hydro				
KDPH	0.43	10.14	18	18
VTRNA	0.93	16.27	61	0
TILLARI	0.42	1.44	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.82	58	0
RNGR+BHTSA	0.34	4.36	15	14
BHANDARDRA	0.46	4.83	19	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	8.56	24	23
GHATGHAR	0.39	2.69	125	0
Total	3.63	51.11		
Wind				
Total	9.32	78.95	0	0
Total	9.32	78.95		
CPP				
APML(Mus)	46.25	613.12	0	0
JSWEL(Mus)	19.52	260.83	0	0
VIPL(Mus)	12.29	123.57	0	0
RPLAMT(Mus)	12.26	234.27	0	0
WPCL(Mus)	4.45	54.95	0	0
Other(Mus)	11.36	155.98	0	0
Total	106.13	1442.72		
SOLAR				
Total	3.05	46.60	0	0
Total	3.05	46.60		
Tata				
Trombay 5	10.40	145.22	491	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	28.61	115	87
Trombay 7B	1.56	18.86	69	59
Trombay 8	5.50	77.68	245	199
TATA Hydro	4.33	56.54	343	6
Total	24.36	326.90		
R-INFRA				
DTPS U-1&2	11.16	157.61	503	374
Total	11.16	157.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.03	1974.08	MSPGCL Total	161.55	2267.21
			MSPGCL Thml+Gas	146.78	2060.01	Koyna 1,2 & 4 Total	8.88	128.60
			MSPGCL Hydro	14.77	207.20	State Total	315.58	4320.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	6049	336	409	6794	525	4107	0	0	5411	5717	-1094	16049	0	16049	2213	18262	49.93
2	5951	285	418	6654	508	4048	0	0	5394	5603	-954	15859	0	15859	2072	17931	49.93
3	5895	110	409	6414	451	4138	0	0	5342	5477	-847	15633	0	15633	1934	17567	49.98
4	5852	120	420	6392	371	4119	0	0	5343	5486	-832	15536	0	15536	1866	17402	49.97
5	5757	140	411	6308	441	4180	0	0	5404	5682	-801	15810	0	15810	1846	17656	49.93
6	5751	375	423	6549	560	4456	0	0	5706	5763	-658	16670	0	16670	1924	18594	49.92
7	5743	1159	423	7325	397	4570	0	3	6133	6346	-570	18071	0	18071	2037	20108	49.98
8	5651	1419	423	7493	350	4570	0	66	6031	6054	-728	17805	0	17805	2235	20040	49.99
9	5618	1285	400	7303	251	4528	0	191	5790	5895	-914	17254	0	17254	2438	19692	49.98
10	5727	1195	414	7336	213	4579	0	290	5955	5959	-1134	17243	0	17243	2791	20034	49.93
11	5756	1224	401	7381	252	4464	0	399	6489	6179	-1305	17370	0	17370	3004	20374	49.96
12	5766	1173	397	7336	347	4568	0	441	7186	7093	-1341	18444	0	18444	3094	21538	49.96
13	5734	785	394	6913	333	4510	0	431	7289	7134	-1285	18036	0	18036	3048	21084	49.98
14	5715	797	384	6896	277	4408	0	427	7045	6957	-1233	17732	0	17732	2935	20667	50.01
15	5620	860	393	6873	270	4507	0	358	7445	7415	-1253	18170	0	18170	2950	21120	49.96
16	5714	651	384	6749	312	4565	0	257	7524	7330	-1235	17978	0	17978	2978	20956	49.93
17	5671	460	406	6537	431	4564	0	133	7422	7234	-1248	17651	0	17651	2962	20613	49.98
18	5670	422	388	6480	471	4546	0	54	6179	6072	-1232	16391	0	16391	2927	19318	49.99
19	5684	265	397	6346	428	4529	0	0	5767	5629	-1184	15748	0	15748	2855	18603	49.96
20	5678	591	413	6682	462	4479	0	0	5779	5672	-1143	16152	0	16152	2821	18973	49.95
21	5577	221	396	6194	498	4463	0	0	5739	5473	-1133	15495	0	15495	2726	18221	49.90
22	5567	326	417	6310	439	4328	0	0	5598	5552	-1195	15434	0	15434	2555	17989	49.89
23	5558	241	421	6220	383	4404	0	0	5601	5969	-1160	15816	0	15816	2492	18308	49.95
24	5326	331	410	6067	354	4505	0	0	5597	5628	-1154	15400	0	15400	2452	17852	49.97
MUs	137.03	14.77	9.75	161.55	9.32	106.13	0.00	3.05	147.17	147.32	-25.63	401.74	0.00	401.74	61.16	462.90	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 14/Mar/2018

Position as on 6.30 Hrs of 15/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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.	
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	15/03/2018	01.44	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Mar/2018

Position as on 6.30 Hrs of 15/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	14/03/2018	22.33	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	Chandrapur Unit 7	500	10/03/2018	23.06		Continued.	Water Shortage	
MSPGCL	Khaparkheda Unit 3	210	14/03/2018	00.27		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	14/03/2018	14.10		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 15/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	14/03/2018	22.55	15/03/2018	05.14	HT	OLTC over halt work.
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	13/03/2018	18.01	14/03/2018	11.31	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	14/03/2018	10.06	14/03/2018	18.24	PO	Annual Maintenance Work
Dhule Sar'Sarovar I	InterState	14/03/2018	17.05		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	14/03/2018	17.22	14/03/2018	18.06	T	Line tripped at dabhol end.
Khadka-Aurangabad (Waluj)	IntraState	13/03/2018	18.24	14/03/2018	07.22	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	13/03/2018	19.40	14/03/2018	13.35	HT	Attend 29D B-PH line isolator(Tripped on Distance protection 23.50 hrs)
Jaigad-New Koyna Ckt-I	IntraState	14/03/2018	08.31	14/03/2018	19.30	PO	cold line washing work
Khadka- Deepnagar Ckt 2	IntraState	14/03/2018	09.21	14/03/2018	14.55	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	14/03/2018	17.49		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	14/03/2018	16.37	14/03/2018	17.10	HT	Heavy sparking at R-PH 29A bus isolator.ICT charged thorough TBC.
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.
Solapur(PG)- Jeur	InterState	14/03/2018	15.31	14/03/2018	16.42	PO	Routine Maintenance Work
Wardha Deoli (Pg)	InterState	14/03/2018	15.37	14/03/2018	16.24	T	Tripped from Deoli end only.
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
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	14/03/2018	04.27	14/03/2018	07.03	T	Distance Protection
Chakan-Mahindra Vehicle	IntraState	14/03/2018	08.10	14/03/2018	17.16	PO	Diagnostic testing work.
Dahanu Versova	IntraState	14/03/2018	09.55	14/03/2018	12.00	PO	Line Maintenance work
Pedhambe - Oni	IntraState	14/03/2018	10.00	14/03/2018	18.35	PO	Insulator cleaning work.
Satana-Gangapur	IntraState	14/03/2018	12.16	14/03/2018	14.20	T	Distance Protection
Bombay Dyeing - Sahara	IntraState	14/03/2018	12.20	14/03/2018	18.00	PO	Routine Maintenance Work
Dahanu-Viraj	IntraState	14/03/2018	12.27	14/03/2018	15.01	PO	Line Maintenance work
Parli New Tps - Beed Ckt 2	IntraState	14/03/2018	14.07	14/03/2018	15.14	PO	Quarterly Maintainance 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(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)

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 14/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 15/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	14/03/2018	10.30	14/03/2018	17.30	PO	Testing Work
200/132KV 100MVA ICT-1@Butibori	IntraState	14/03/2018	17.13	14/03/2018	19.25	PO	Attending Hot Spot
132 KV LINE Outages/Trippings							
Umri - Kundalwadi	IntraState	13/03/2018	18.35	14/03/2018	03.55	T	R PH LA Burst.
Kopergaon - Vaijapur	IntraState	14/03/2018	11.33	14/03/2018	12.37	T	Backup protection operated.