

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Mar/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.760	2265.701	1) Gujrat	-1.380	0.357
2) Hydro	5.174	224.390	2) Madhya Pradesh	18.613	320.075
3) Gas	10.015	106.031	3) Chattisgarh	6.340	100.120
Total MSPGCL	159.949	2596.122	4) Maharashtra Net	106.531	1854.766
B) 1) APML	45.349	704.665	5) Goa (Amona)	-0.968	-10.296
2) JSWEL	18.790	299.365	Total	129.136	2265.022
3) VIPL	11.084	146.738	a) Mumbai Schedule	20.530	347.212
4) RPL(AMT)	10.916	257.766	b) Mumbai Drawl	28.526	377.644
5) WPCL	4.200	63.459	c) MSEDCL Bilateral *	35.277	616.424
6) PGPL	0.000	0.000	Include PX	4.648	175.247
7) Other IPP	14.877	182.106	d) Mumbai Bilateral *	20.530	347.212
C) 1) TPCL Thermal	12.736	252.008	Include PX	2.852	89.557
2) TPCL Hydro	5.122	65.906	Include Standby	0.000	0.000
3) TPCL Gas	4.383	56.181	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.611	178.571	1) MSEDCL	375.069	6280.299
D) STATE			2) Mumbai Discoms	60.377	930.328
1) Thermal	272.323	4350.379	TOTAL STATE	435.446	7210.627
(A1+C1+C4+(B1-B6))					
2) Hydro	10.296	290.296			
(A2+C2)					
3) Gas	14.398	162.212			
(A3+B6+C3)					
4) Wind	6.761	91.096			
6) SOLAR	2.533	51.604			
TOTAL STATE	306.311	4945.587			

* 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	6501	6472	5868	5377
MSPGCL Hydro	322	216	472	105
MSPGCL Gas	410	405	411	428
MSPGCL Total Generation	7233	7093	6751	5910
Central Sector Receipt	6308	6281	5135	4744
WIND	198	169	274	423
CPP / IPP Thermal	4599	4585	4287	4227
CPP / IPP Gas	0	0	0	0
SOLAR	374	373	0	0
Exchange with Mumbai	-1557	-1433	-1391	-758
MSEDCL DEMAND MET	17155	17068	15056	14546
Load Shedding	0	0	0	0
MSEDCL DEMAND	17155	17068	15056	14546
TPCL GENERATION	1108	1105	1044	699
R-INFRA GENERATION	389	496	375	376
MUMBAI DEMAND	3054	3034	2810	1833
STATE DEMAND MET	20209	20102	17866	16379
STATE DEMAND	20209	20102	17866	16379
Frequency (Hz)	49.94	49.97	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.18 Hrs	49.79 Hz at 22.08 Hrs	49.98	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 16/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	10.91	146.89	501	346
Unit 9	11.00	162.72	512	350
Unit 10	11.03	213.65	510	350
Total	32.95	523.26		
Bhusawal				
Unit 3	4.24	8.02	200	160
Unit 4	10.20	182.12	500	350
Unit 5	10.53	184.54	500	350
Total	24.97	374.68		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	90.85	250	190
Unit 7	5.28	89.84	248	189
Unit 8	5.20	87.25	250	188
Total	15.83	267.93		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.42	171.22	460	360
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	11.38	120.72	480	460
Unit 9	11.07	179.53	480	404
Total	32.87	521.51		
Paras				
Unit 3	5.59	71.39	259	191
Unit 4	5.59	93.00	255	193
Total	11.19	164.39		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.46	8.52	200	160
Unit 3	0.00	40.93	0	0
Unit 4	4.77	60.54	214	163
Unit 5	10.55	180.04	480	367
Total	19.78	290.04		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.06	65.94	176	162
Unit 5	3.13	54.13	185	0
Total	7.18	123.89		
Uran				
All Units	10.02	106.03	430	391
Total	10.02	106.03		
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)	0.00	0.55	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.55		
Koyna				
Stage 1-2	1.59	59.88	230	40
Stage 4	0.29	76.89	166	0
Stage 3	0.00	28.91	0	0
Total	1.88	165.68		
Hydro				
KDPH	0.43	11.00	18	18
VTRNA	0.96	18.68	61	0
TILLARI	0.36	2.22	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.20	80	0
RNGR+BHTSA	0.30	4.96	13	12
BHANDARDRA	0.46	5.76	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	9.60	23	22
GHATGHAR	0.00	3.30	0	0
Total	3.29	58.71		
Wind				
Total	6.76	91.10	0	0
Total	6.76	91.10		
CPP				
APML(Mus)	45.35	704.66	0	0
JSWEL(Mus)	18.79	299.36	0	0
VIPL(Mus)	11.08	146.74	0	0
RPLAMT(Mus)	10.92	257.77	0	0
WPCL(Mus)	4.20	63.46	0	0
Other(Mus)	14.88	182.11	0	0
Total	105.22	1654.10		
SOLAR				
Total	2.53	51.60	0	0
Total	2.53	51.60		
Tata				
Trombay 5	7.85	163.85	450	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	34.11	118	114
Trombay 7B	1.62	22.07	68	67
Trombay 8	4.89	88.16	243	199
TATA Hydro	5.12	65.91	409	5
Total	22.24	374.10		
R-INFRA				
DTPS U-1&2	9.61	178.57	503	374
Total	9.61	178.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.76	2265.70	MSPGCL Total	159.95	2596.12
			MSPGCL Thml+Gas	154.78	2371.73	Koyna 1,2 & 4 Total	1.88	136.77
			MSPGCL Hydro	5.17	224.39	State Total	306.31	4945.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5716	165	417	6298	260	4258	0	0	5165	5308	-1058	15066	0	15066	2203	17269	49.95
2	5803	165	428	6396	287	4323	0	0	5198	4834	-894	14946	0	14946	2017	16963	49.96
3	5600	114	415	6129	401	4298	0	0	5102	4576	-826	14578	0	14578	1900	16478	49.98
4	5377	105	428	5910	423	4227	0	0	5074	4744	-758	14546	0	14546	1833	16379	49.97
5	5334	105	427	5866	348	4164	0	0	5239	5172	-750	14800	0	14800	1824	16624	50.01
6	5911	136	427	6474	392	4289	0	0	5445	5373	-820	15708	0	15708	1898	17606	49.93
7	6347	203	409	6959	426	4587	0	2	5499	5699	-779	16894	0	16894	2023	18917	49.98
8	6436	105	430	6971	421	4701	0	45	5644	5361	-696	16803	0	16803	2177	18980	50.01
9	6472	105	429	7006	431	4629	0	151	5487	5275	-1029	16463	0	16463	2434	18897	49.98
10	6449	147	427	7023	314	4648	0	210	5556	5444	-1396	16243	0	16243	2777	19020	49.95
11	6459	303	415	7177	249	4622	0	305	5697	5679	-1533	16499	0	16499	2984	19483	49.98
12	6501	322	410	7233	198	4599	0	374	6413	6308	-1557	17155	0	17155	3054	20209	49.94
13	6472	216	405	7093	169	4585	0	373	6479	6281	-1433	17068	0	17068	3034	20102	49.97
14	6430	168	414	7012	175	4477	0	347	6208	6105	-1344	16772	0	16772	2868	19640	50.01
15	6407	334	391	7132	140	4536	0	284	6492	6133	-1455	16770	0	16770	2905	19675	49.98
16	6404	293	410	7107	198	4588	0	236	6603	6177	-1512	16794	0	16794	2945	19739	49.97
17	6342	248	394	6984	182	4385	0	145	6134	5861	-1511	16046	0	16046	2949	18995	50.01
18	6289	248	416	6953	199	4347	0	58	5462	4888	-1458	14987	0	14987	2876	17863	50.01
19	6002	288	421	6711	256	4330	0	3	5312	4947	-1455	14792	0	14792	2799	17591	50.03
20	5868	472	411	6751	274	4287	0	0	5130	5135	-1391	15056	0	15056	2810	17866	50.00
21	5832	205	422	6459	329	4301	0	0	5005	4686	-1321	14454	0	14454	2724	17178	50.02
22	5566	184	424	6174	313	4096	0	0	4961	4850	-1195	14238	0	14238	2536	16774	49.99
23	5495	249	423	6167	225	3971	0	0	5038	4984	-1147	14200	0	14200	2465	16665	49.90
24	5248	294	422	5964	151	3968	0	0	5090	5316	-1208	14191	0	14191	2343	16534	49.95
MUs	144.76	5.17	10.01	159.95	6.76	105.22	0.00	2.53	133.43	129.14	-28.53	375.07	0.00	375.07	60.38	435.45	49.98

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 16/Mar/2018

Position as on 6.30 Hrs of 17/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.	
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)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Mar/2018

Position as on 6.30 Hrs of 17/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	16/03/2018	03.25	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 17/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 II	InterState	15/03/2018	17.59	16/03/2018	10.52	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/03/2018	17.00		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/03/2018	18.34	16/03/2018	10.46	HT	Over Voltage
Padgha-HVDC(AC)-II	IntraState	15/03/2018	23.49	16/03/2018	11.02	PO	Overhauling Of OLTC Position Transmitted Of Pole To R.Y.B. Phase.
N.Koyna-Karad -Ckt I	IntraState	16/03/2018	03.54	16/03/2018	12.28	T	Distance Protection
Karad-Jaigad - I	IntraState	16/03/2018	11.05		Continued.	PO	RFC 18.09 Cold Line Washing.
Dhule- Bableshwar - I	IntraState	16/03/2018	11.15	16/03/2018	18.50	PO	Replacement Of Damaged Insulator String.
Chandrapur - Parli	IntraState	16/03/2018	13.18		Continued.	PO	Tightening Earthwire Clamps RFC -18:19HRS
Khadka-Aurangabad (Waluj)	IntraState	16/03/2018	17.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	16/03/2018	09.46	16/03/2018	14.20	PO	Replacement Of LV Side LA
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.
Nasik Navsari I	InterState	16/03/2018	09.33	16/03/2018	17.58	PO	Routine Maintenance Work
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 & Line Diverted To Siemenc.
Nanded-Ghatodi	IntraState	16/03/2018	07.31	16/03/2018	12.48	T	Distance Protection
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	16/03/2018	08.12	16/03/2018	13.14	T	Distance Protection
Pedhambe - Oni	IntraState	16/03/2018	09.00	16/03/2018	17.00	PO	Insulator Cleaning Work.
Ghodbunder - Versova	IntraState	16/03/2018	09.03	16/03/2018	17.58	PO	Annual Maintenance Work
Boisar II - Tarapur	IntraState	16/03/2018	09.13	16/03/2018	14.15	PO	Routine Maintenance Work
Wada - Bhaveghar	IntraState	16/03/2018	09.14	16/03/2018	17.24	PO	Diagnostic Testing.
Centuri Enka- Bhosari	IntraState	16/03/2018	09.16	16/03/2018	18.18	PO	Earth Wire Replacement.
Belewadi-Nagar Ckt I	IntraState	16/03/2018	09.35	16/03/2018	19.50	PO	Line Maintenance work
Badnera Tss-I	IntraState	16/03/2018	10.03	16/03/2018	14.32	PO	Replacement Of AU. Bus Side Isolator.
Khadka-Bhadli-2	IntraState	16/03/2018	10.10	16/03/2018	16.40	PO	Jumper Tightening Work.
Uran - Kharghar I	IntraState	16/03/2018	11.03	16/03/2018	19.10	PO	Replacement Of Insulator String.
Sawantwadi-Bidri	IntraState	16/03/2018	12.25	16/03/2018	17.39	PO	Insulator Cleaning Work.
Kalwa - Airoli Knowledge Park	IntraState	16/03/2018	14.12	16/03/2018	17.21	PO	Replacement Of LA
Ghatghar - Bapgaon	IntraState	16/03/2018	22.38	17/03/2018	01.07	T	Tripped Only From Ghatghar End.

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 16/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 17/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Babhaleshwar-Nagar-I	IntraState	17/03/2018	06.15	17/03/2018	06.30	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
220/132 KV 150MVA ICT I @ Boisar	IntraState	16/03/2018	14.48	16/03/2018	19.02	PO	Diagnostic Testing.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	17/03/2018	00.01	17/03/2018	04.32	T	Relay Replacement Work.
132 KV LINE Outages/Trippings							
Khadka - Malkapur	IntraState	16/03/2018	00.11	16/03/2018	01.17	T	Distance Protection
Sakoli-Asgaon	IntraState	16/03/2018	02.55	16/03/2018	03.17	T	Distance Protection

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