

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Mar/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.676	4111.970	1) Gujrat	-2.783	-32.428
2) Hydro	7.866	421.897	2) Madhya Pradesh	9.141	416.896
3) Gas	10.445	319.093	3) Chattisgarh	4.800	244.350
Total MSPGCL	166.987	4852.960	4) Maharashtra Net	131.430	4032.840
B) 1) APML	75.827	2172.484	5) Goa (Amona)	-0.748	-21.960
2) JSWEL	18.279	527.879	Total	141.840	4639.698
3) VIPL	13.519	317.667	a) Mumbai Schedule	25.732	638.851
4) RPL(AMT)	28.537	96.936	b) Mumbai Drawl	31.741	721.427
5) WPCL	2.722	90.749	c) MSEDCL Bilateral *	24.836	1043.068
6) PGPL	0.000	0.000	Include PX	-0.456	186.274
7) Other IPP	4.187	175.687	d) Mumbai Bilateral *	25.732	638.851
C) 1) TPCL Thermal	14.581	453.260	Include PX	8.540	170.769
2) TPCL Hydro	3.856	120.354	Include Standby	0.000	0.000
3) TPCL Gas	4.461	137.964	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.520	331.478	1) MSEDCL	429.218	12434.833
D) STATE			2) Mumbai Discoms	65.159	1764.470
1) Thermal	316.848	8278.110	TOTAL STATE	494.377	14199.303
(A1+C1+C4+(B1-B6))					
2) Hydro	11.722	542.251			
(A2+C2)					
3) Gas	14.906	457.057			
(A3+B6+C3)					
4) Wind	7.860	239.510			
6) SOLAR	1.201	42.690			
TOTAL STATE	352.537	9559.618			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6492	6519	5873	6121
MSPGCL Hydro	543	914	227	200
MSPGCL Gas	414	430	422	433
MSPGCL Total Generation	7449	7863	6522	6754
Central Sector Receipt	6655	6335	6048	5136
WIND	67	169	428	398
CPP / IPP Thermal	6120	6155	5723	6102
CPP / IPP Gas	0	0	0	0
SOLAR	169	107	0	0
Exchange with Mumbai	-1539	-1444	-1571	-891
MSEDCL DEMAND MET	18921	19185	17150	17499
Load Shedding	0	0	0	0
MSEDCL DEMAND	18921	19185	17150	17499
TPCL GENERATION	1251	1268	961	703
R-INFRA GENERATION	497	500	388	388
MUMBAI DEMAND	3287	3212	2920	1982
STATE DEMAND MET	22208	22397	20070	19481
STATE DEMAND	22208	22397	20070	19481
Frequency (Hz)	49.96	49.97	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13:02 Hrs	49.71 Hz at 21:06 Hrs	49.97	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 31/Mar/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	3.82	26.77	170	145
Unit 8	13.16	411.56	612	440
Unit 9	13.78	296.47	632	471
Unit 10	0.00	0.00	0	0
Total	30.77	734.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.36	40.20	195	160
Unit 4	10.56	311.43	510	370
Unit 5	10.56	323.54	505	365
Total	25.48	675.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.75	171.12	250	198
Unit 7	5.69	168.65	252	198
Unit 8	1.77	28.98	165	0
Total	13.21	368.74		
Chandrapur				
Unit 3	4.67	139.74	197	185
Unit 4	4.64	126.10	196	191
Unit 5	10.23	314.62	435	415
Unit 6	10.38	285.92	440	419
Unit 7	0.00	0.00	0	0
Unit 8	9.52	227.06	450	291
Unit 9	0.00	205.22	0	0
Total	39.46	1298.67		
Paras				
Unit 3	5.74	81.37	252	200
Unit 4	0.00	155.93	0	0
Total	5.74	237.30		
Khaparkheda				
Unit 1	4.22	44.54	190	155
Unit 2	4.00	91.56	185	145
Unit 3	4.06	70.41	200	160
Unit 4	3.28	46.69	143	134
Unit 5	10.33	286.63	500	380
Total	25.89	539.83		
Nasik				
Unit 3	4.09	129.39	180	160
Unit 4	0.00	100.02	0	0
Unit 5	4.05	28.04	172	161
Total	8.14	257.45		
Uran				
All Units	10.44	319.09	472	414
Total	10.44	319.09		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.04	3.98	32	0
Total	0.04	3.98		
Koyna				
Stage 1-2	1.84	113.15	295	40
Stage 4	1.65	119.38	500	0
Stage 3	0.46	50.91	160	0
Total	3.96	283.44		
Hydro				
KDPH	0.67	22.41	34	16
VTRNA	1.46	37.38	61	61
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.22	6.33	80	0
RNGR+BHTSA	0.31	9.79	13	12
BHANDARDRA	0.50	15.00	21	20
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.74	16.62	33	30
GHATGHAR	0.00	20.05	0	0
Total	3.90	138.46		
Wind				
Total	7.86	239.51	0	0
Total	7.86	239.51		
CPP				
APML(Mus)	75.83	2172.48	0	0
JSWEL(Mus)	18.28	527.88	0	0
VIPL(Mus)	13.52	317.67	0	0
RPLAMT(Mus)	28.54	96.94	0	0
WPCL(Mus)	2.72	90.75	0	0
Other(Mus)	4.19	175.69	0	0
Total	143.07	3381.40		
SOLAR				
Total	1.20	42.69	0	0
Total	1.20	42.69		
Tata				
Trombay 5	9.39	290.04	490	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.87	88.52	122	98
Trombay 7B	1.60	49.44	68	59
Trombay 8	5.19	163.22	246	198
TATA Hydro	3.86	120.35	382	42
Total	22.90	711.58		
R-INFRA				
DTPS U-1&2	10.52	331.48	507	387
Total	10.52	331.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.68	4111.97	MSPGCL Total	166.99	4852.96
			MSPGCL Thml+Gas	159.12	4431.06	Koyna 1,2 & 4 Total	3.50	232.53
			MSPGCL Hydro	7.87	421.90	State Total	352.54	9559.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/Mar/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	6011	228	444	6683	648	6099	0	0	5882	5734	-1191	17973	0	17973	2519	20492	49.91
2	6018	198	454	6670	548	6104	0	0	5799	5193	-937	17578	0	17578	2291	19869	49.97
3	6028	203	453	6684	393	6094	0	0	5696	5345	-1013	17503	0	17503	2128	19631	49.96
4	6068	198	444	6710	371	6100	0	0	5656	5523	-923	17781	0	17781	2013	19794	50.02
5	6121	200	433	6754	398	6102	0	0	5715	5136	-891	17499	0	17499	1982	19481	50.01
6	6151	235	434	6820	526	6099	0	0	5791	5369	-849	17965	0	17965	2048	20013	50.00
7	6310	360	443	7113	618	6080	0	0	5847	5465	-691	18585	0	18585	2146	20731	50.02
8	6419	271	443	7133	441	6086	0	16	5912	5572	-790	18458	0	18458	2277	20735	50.04
9	6424	200	442	7066	263	5844	0	69	6084	6042	-1134	18150	0	18150	2512	20662	49.96
10	6285	248	432	6965	194	5734	0	111	6323	5950	-1605	17349	0	17349	2934	20283	49.99
11	6203	385	424	7012	119	5991	0	152	6537	6571	-1661	18184	0	18184	3240	21424	49.98
12	6492	543	414	7449	67	6120	0	169	6569	6655	-1539	18921	0	18921	3287	22208	49.96
13	6523	503	419	7445	47	6127	0	178	6525	6579	-1499	18877	0	18877	3303	22180	50.00
14	6470	423	418	7311	54	6112	0	160	6459	6566	-1374	18829	0	18829	3183	22012	50.02
15	6535	521	419	7475	131	6092	0	140	6388	6393	-1460	18771	0	18771	3205	21976	50.00
16	6519	914	430	7863	169	6155	0	107	6360	6335	-1444	19185	0	19185	3212	22397	49.97
17	6552	538	433	7523	212	6025	0	65	6474	6174	-1625	18374	0	18374	3186	21560	49.98
18	6368	196	424	6988	257	5755	0	30	6505	6031	-1711	17350	0	17350	3023	20373	50.01
19	5893	186	421	6500	298	5759	0	4	6294	5892	-1668	16785	0	16785	2916	19701	49.95
20	5873	227	422	6522	428	5723	0	0	6196	6048	-1571	17150	0	17150	2920	20070	49.92
21	5721	181	436	6338	458	5732	0	0	5944	5733	-1535	16726	0	16726	2825	19551	49.90
22	5703	291	427	6421	425	5731	0	0	5704	5707	-1492	16792	0	16792	2718	19510	49.91
23	5924	436	464	6824	374	5635	0	0	5889	5813	-1568	17078	0	17078	2627	19705	49.93
24	6065	181	472	6718	421	5768	0	0	6260	6014	-1570	17351	0	17351	2664	20015	49.98
MUs	148.68	7.87	10.44	166.99	7.86	143.07	0.00	1.20	146.81	141.84	-31.74	429.22	0.00	429.22	65.16	494.38	49.97

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 31/Mar/2017

Position as on 6.30 Hrs of 01/Apr/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	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Uran Unit 5	108	01/04/2017	01.21		Continued.	filter replacement work.	
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	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.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
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	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
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	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
CPP	SWPGL U-4	135	22/03/2017	00.01	01/04/2017	00.39	SSC Chain Broken.	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	BTL continued under zero schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Chandrapur Unit 9	500	28/03/2017	14.33		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	28/03/2017	18.26		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 3	75	31/03/2017	12.05		Continued.	RMW.	
MSPGCL	Parli Unit 8	250	31/03/2017	12.55		Continued.	Low furnace pressure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 01/Apr/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	30/03/2017	20.29	31/03/2017	07.45	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	31/03/2017	17.05		Continued.	PO	To make lilo at alkud ss code 3188.
Dhule Sar'Sarovar II	InterState	31/03/2017	20.53	01/04/2017	05.57	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	31/03/2017	08.27	31/03/2017	15.45	PO	Routine Maintenance Work
Koradi-Khaparkheda I	IntraState	31/03/2017	16.00	31/03/2017	18.04	PO	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	31/03/2017	18.14	31/03/2017	18.57	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	31/03/2017	04.37	31/03/2017	05.04	T	high voltage.
Tillari Amona	InterState	31/03/2017	04.37	31/03/2017	05.03	T	high voltage.
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.
Sawantwadi-Bidri	IntraState	31/03/2017	04.55		Continued.	T	Distance Protection
Versova Gorai Line	IntraState	31/03/2017	06.08	31/03/2017	09.37	PO	Routine Maintenance Work
Temghar - Kalwa	IntraState	31/03/2017	08.21	31/03/2017	10.07	PO	Earth wire removing work.
Chalisgaon-Pimparkhed	IntraState	31/03/2017	09.25	31/03/2017	11.42	PO	Testing Work
Chalisgaon-Pimparkhed	IntraState	31/03/2017	10.00	31/03/2017	11.42	PO	Quarterly Maintainance Work
Kharepatan -Pawas Line	IntraState	31/03/2017	11.32	31/03/2017	17.02	PO	Routine Maintenance Work
Karad - Sadawagpur I	IntraState	31/03/2017	12.06	31/03/2017	18.33	PO	Routine Maintenance Work
Khaparkheda-Ambazari-I	IntraState	31/03/2017	16.00	31/03/2017	16.41	T	Distance Protection
Koradi-Ambazari-Ii	IntraState	31/03/2017	16.00	31/03/2017	16.26	T	Backup Protection
Vita - Ghatnandre	IntraState	31/03/2017	17.35	31/03/2017	18.10	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)
100 KV LINE Outages/Trippings							
100KV Vashi-Sify	IntraState	31/03/2017	15.30	31/03/2017	16.20	T	Distance Protection
Kalwa - Vashi 1	IntraState	31/03/2017	15.30	31/03/2017	18.09	T	Distance Protection

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