

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Apr/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.657	145.657	1) Gujrat	-0.267	-0.267
2) Hydro	7.355	7.355	2) Madhya Pradesh	9.496	9.496
3) Gas	7.310	7.310	3) Chattisgarh	4.050	4.050
Total MSPGCL	160.322	160.322	4) Maharashtra Net	131.055	131.055
B) 1) APML	74.196	74.196	5) Goa (Amona)	-0.616	-0.616
2) JSWEL	15.902	15.902	Total	143.718	143.718
3) VIPL	13.187	13.187	a) Mumbai Schedule	24.504	24.504
4) RPL(AMT)	28.542	28.542	b) Mumbai Drawl	30.204	30.204
5) WPCL	4.244	4.244	c) MSEDCL Bilateral *	26.481	26.481
6) PGPL	0.000	0.000	Include PX	0.956	0.956
7) Other IPP	3.099	3.099	d) Mumbai Bilateral *	24.504	24.504
C) 1) TPCL Thermal	13.323	13.323	Include PX	4.540	4.540
2) TPCL Hydro	3.206	3.206	Include Standby	0.000	0.000
3) TPCL Gas	4.541	4.541	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.978	9.978	1) MSEDCL	425.488	425.488
D) STATE			2) Mumbai Discoms	61.252	61.252
1) Thermal	308.128	308.128	TOTAL STATE	486.740	486.740
(A1+C1+C4+(B1-B6))					
2) Hydro	10.561	10.561			
(A2+C2)					
3) Gas	11.851	11.851			
(A3+B6+C3)					
4) Wind	11.282	11.282			
6) SOLAR	1.200	1.200			
TOTAL STATE	343.022	343.022			

* 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 23 Hrs
MSPGCL Thermal	6535	6517	5823	5739
MSPGCL Hydro	433	450	338	370
MSPGCL Gas	293	305	297	300
MSPGCL Total Generation	7261	7272	6458	6409
Central Sector Receipt	6723	6338	5744	5589
WIND	135	702	777	457
CPP / IPP Thermal	5987	5936	5334	5687
CPP / IPP Gas	0	0	0	0
SOLAR	144	117	0	0
Exchange with Mumbai	-1379	-1251	-1449	-1410
MSEDCL DEMAND MET	18871	19114	16864	16732
Load Shedding	0	0	0	0
MSEDCL DEMAND	18871	19114	16864	16732
TPCL GENERATION	1166	1179	933	769
R-INFRA GENERATION	434	503	387	388
MUMBAI DEMAND	2979	2933	2769	2567
STATE DEMAND MET	21850	22047	19633	19299
STATE DEMAND	21850	22047	19633	19299
Frequency (Hz)	49.98	49.99	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 07.03 Hrs	49.81 Hz at 00.07 Hrs	49.98	% 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 01/Apr/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	3.81	3.81	161	155
Unit 8	13.32	13.32	636	490
Unit 9	13.06	13.06	642	301
Unit 10	0.00	0.00	0	0
Total	30.19	30.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	4.16	195	160
Unit 4	10.00	10.00	510	350
Unit 5	10.02	10.02	505	355
Total	24.18	24.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.54	5.54	250	196
Unit 7	5.52	5.52	252	191
Unit 8	0.00	0.00	0	0
Total	11.06	11.06		
Chandrapur				
Unit 3	4.63	4.63	198	170
Unit 4	4.64	4.64	198	173
Unit 5	10.12	10.12	445	370
Unit 6	10.11	10.11	436	385
Unit 7	0.00	0.00	0	0
Unit 8	9.95	9.95	474	363
Unit 9	0.00	0.00	0	0
Total	39.44	39.44		
Paras				
Unit 3	5.64	5.64	253	195
Unit 4	1.31	1.31	240	0
Total	6.95	6.95		
Khaparkheda				
Unit 1	4.04	4.04	185	150
Unit 2	3.91	3.91	175	145
Unit 3	3.95	3.95	196	158
Unit 4	3.50	3.50	154	139
Unit 5	10.39	10.39	500	380
Total	25.79	25.79		
Nasik				
Unit 3	4.06	4.06	175	165
Unit 4	0.00	0.00	0	0
Unit 5	3.99	3.99	169	163
Total	8.05	8.05		
Uran				
All Units	7.31	7.31	431	284
Total	7.31	7.31		
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)	0.08	0.08	47	0
Total	0.08	0.08		
Koyna				
Stage 1-2	1.86	1.86	285	40
Stage 4	0.93	0.93	240	0
Stage 3	1.06	1.06	148	0
Total	3.86	3.86		
Hydro				
KDPH	0.40	0.40	17	16
VTRNA	1.18	1.18	61	0
TILLARI	0.17	0.17	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	0.24	80	0
RNGR+BHTSA	0.31	0.31	13	12
BHANDARDRA	0.50	0.50	28	18
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.71	0.71	30	29
GHATGHAR	0.00	0.00	0	0
Total	3.50	3.50		
Wind				
Total	11.28	11.28	0	0
Total	11.28	11.28		
CPP				
APML(Mus)	74.20	74.20	0	0
JSWEL(Mus)	15.90	15.90	0	0
VIPL(Mus)	13.19	13.19	0	0
RPLAMT(Mus)	28.54	28.54	0	0
WPCL(Mus)	4.24	4.24	0	0
Other(Mus)	3.10	3.10	0	0
Total	139.17	139.17		
SOLAR				
Total	1.20	1.20	0	0
Total	1.20	1.20		
Tata				
Trombay 5	8.27	8.27	486	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	2.92	123	120
Trombay 7B	1.62	1.62	68	66
Trombay 8	5.05	5.05	250	199
TATA Hydro	3.21	3.21	412	9
Total	21.07	21.07		
R-INFRA				
DTPS U-1&2	9.98	9.98	508	387
Total	9.98	9.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.66	145.66	MSPGCL Total	160.32	160.32
			MSPGCL Thml+Gas	152.97	152.97	Koyna 1,2 & 4 Total	2.79	2.79
			MSPGCL Hydro	7.36	7.36	State Total	343.02	343.02

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Apr/2017

Annexure-2

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	6133	265	431	6829	403	6013	0	0	6070	5823	-1408	17660	0	17660	2499	20159	49.91
2	6232	186	328	6746	434	6032	0	0	5924	5821	-1129	17904	0	17904	2225	20129	49.97
3	5982	185	296	6463	509	6062	0	0	5819	5346	-1037	17343	0	17343	2123	19466	49.98
4	5630	125	297	6052	438	5932	0	0	5726	5988	-933	17477	0	17477	2026	19503	49.98
5	5709	127	299	6135	560	5981	0	0	5723	5764	-885	17555	0	17555	1980	19535	50.00
6	5814	159	301	6274	491	6056	0	0	5760	5961	-932	17850	0	17850	2023	19873	49.99
7	6256	452	301	7009	426	6052	0	0	5758	6084	-913	18658	0	18658	2070	20728	50.03
8	6397	238	302	6937	430	6055	0	21	5947	5479	-965	17957	0	17957	2145	20102	50.01
9	6241	266	310	6817	272	5743	0	67	5992	6027	-1035	17891	0	17891	2257	20148	50.00
10	6065	320	295	6680	170	5627	0	112	6180	6038	-1366	17261	0	17261	2634	19895	50.04
11	6310	317	291	6918	141	5876	0	165	6446	6498	-1482	18116	0	18116	2921	21037	49.99
12	6535	433	293	7261	135	5987	0	144	6430	6723	-1379	18871	0	18871	2979	21850	49.98
13	6485	533	287	7305	217	5986	0	168	6440	6628	-1261	19043	0	19043	2992	22035	49.96
14	6528	457	296	7281	314	5968	0	173	6322	6376	-1282	18830	0	18830	2911	21741	49.99
15	6545	466	292	7303	520	5950	0	142	6294	6357	-1257	19015	0	19015	2943	21958	49.95
16	6517	450	305	7272	702	5936	0	117	6293	6338	-1251	19114	0	19114	2933	22047	49.99
17	6329	228	284	6841	715	5826	0	65	6350	6411	-1431	18427	0	18427	2877	21304	49.95
18	5617	352	305	6274	739	5289	0	25	5957	5877	-1471	16733	0	16733	2764	19497	49.96
19	5709	239	293	6241	850	5145	0	1	5794	5644	-1466	16415	0	16415	2707	19122	49.96
20	5823	338	297	6458	777	5334	0	0	5602	5744	-1449	16864	0	16864	2769	19633	49.99
21	5638	303	308	6249	702	5453	0	0	5254	5652	-1562	16494	0	16494	2731	19225	49.99
22	5601	342	298	6241	372	5609	0	0	5181	5454	-1435	16241	0	16241	2624	18865	49.95
23	5739	370	300	6409	457	5687	0	0	5446	5589	-1410	16732	0	16732	2567	19299	49.97
24	5822	204	301	6327	508	5572	0	0	5827	6096	-1465	17038	0	17038	2552	19590	49.96
MUs	145.66	7.36	7.31	160.32	11.28	139.17	0.00	1.20	142.53	143.72	-30.20	425.49	0.00	425.49	61.25	486.74	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 01/Apr/2017

Position as on 6.30 Hrs of 02/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	
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	Koyana 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	02/04/2017	11.13	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	28/03/2017	18.26	01/04/2017	17.00	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	31/03/2017	12.55		Continued.	Low furnace pressure	
MSPGCL	Uran Unit 5	108	01/04/2017	01.21		Continued.	filter replacement work.	
MSPGCL	Koyana Unit 1	75	02/04/2017	00.45	02/04/2017	04.25	Mechanical Protection operated	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Apr/2017

Position as on 6.30 Hrs of 02/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	02/04/2017	03.35		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	02/04/2017	15.29	02/04/2017	20.28	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 02/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							
Kolhapur Solapur(PG) I	InterState	31/03/2017	17.05	01/04/2017	01.49	PO	To make lilo at alkud ss
Dhule Sar'Sarovar II	InterState	31/03/2017	20.53	01/04/2017	05.57	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/04/2017	18.10	02/04/2017	08.51	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/04/2017	16.17		Continued.	HT	Over Voltage
Main Bus 1@Nagothane	IntraState	01/04/2017	12.17	01/04/2017	19.30	PO	Repairing of 29A PG Isolator of Dabhol-I
Kalwa - Talegaon(PG)	IntraState	01/04/2017	17.06	01/04/2017	20.30	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	01/04/2017	17.20	02/04/2017	08.13	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/04/2017	09.27	02/04/2017	14.41	EO	For Attending Decapping in Pilot String.
Karad - Jaigad - II	IntraState	02/04/2017	18.05		Continued.	HT	Over Voltage
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.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	01/04/2017	17.58	01/04/2017	18.44	EO	To attend Hot Spot
220 KV LINE Outages/Trippings							
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	01/04/2017	04.55	01/04/2017	07.20	T	Distance Protection
Gorai MSETCL Borivali Line-2	IntraState	01/04/2017	09.04	01/04/2017	19.18	PO	Testing Work
Sawantwadi-Bidri	IntraState	01/04/2017	10.10	01/04/2017	17.18	PO	Insulator cleaning work
New Koyna - Loteparshuram	IntraState	01/04/2017	10.54	01/04/2017	13.15	PO	Line Signature Analysis Test
Loteparshuram- Dasturi Line	IntraState	01/04/2017	13.50	01/04/2017	15.35	PO	Routine Maintenance Work
Infosys - Hinjawadi 1	IntraState	01/04/2017	13.58	01/04/2017	16.46	PO	Distance Relay Testing Work
Parli 3 (Old Gcr)-Osmanabad	IntraState	01/04/2017	17.45	01/04/2017	20.28	PO	Annual Maintenance Work
Trombay - Kalwa	IntraState	01/04/2017	19.07	01/04/2017	19.08	PO	Kalwa-Salshet-VI converted to Kalwa-Trombay
Trombay - Kalwa	IntraState	01/04/2017	19.09	02/04/2017	17.14	T	Distance Protection
Vita - Miraj	IntraState	01/04/2017	19.52	01/04/2017	20.26	T	Distance Protection
Miraj - Mhaishal	IntraState	01/04/2017	20.08	01/04/2017	20.35	T	Distance Protection
Kalwa Salsette III	IntraState	02/04/2017	07.35	02/04/2017	21.06	PO	To Facilitate Work on 220KV Trombay-Salsette II Line.
Boisar Versova Line	IntraState	02/04/2017	09.15	02/04/2017	10.05	PO	Isolator Work.
Trombay Salsette 1 Backbay	IntraState	02/04/2017	10.00	02/04/2017	22.48	PO	To Facilitate Work on 220KV Trombay-Salsette-II Line.
Boisar-Viraj	IntraState	02/04/2017	10.08	02/04/2017	10.53	PO	Isolator Work.
Phulambri-Bhokardan	IntraState	02/04/2017	10.30	02/04/2017	12.35	PO	Attending Hot Spot
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)
220/132 kv 200 MVA ICT-III @ Nanded	IntraState	31/03/2017	22.58	01/04/2017	15.58	T	Y Phase LV CT caught Fire
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	01/04/2017	10.03	01/04/2017	14.03	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Hingoli-Ii - Hingoli-I Ckt 1	IntraState	02/04/2017	17.36	02/04/2017	18.13	T	Distance Protection

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 01/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 02/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Cosmofilms-Badnapur	IntraState	02/04/2017	19.10	02/04/2017	19.22	T	Master Trip Relay Operated.