

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 31/Mar/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.620	4448.396	1) Gujrat	-2.869	-36.558
2) Hydro	11.676	458.590	2) Madhya Pradesh	17.973	600.830
3) Gas	9.962	236.115	3) Chattisgarh	6.800	198.210
Total MSPGCL	172.258	5143.101	4) Maharashtra Net	126.417	3591.592
B) 1) APML	39.482	1325.325	5) Goa (Amona)	-0.484	-19.184
2) JSWEL	18.363	569.504	Total	147.837	4334.890
3) VIPL	10.023	332.009	a) Mumbai Schedule	22.946	688.358
4) RPL(AMT)	17.571	532.016	b) Mumbai Drawl	29.315	761.942
5) WPCL	4.030	122.666	c) MSEDCL Bilateral *	37.899	1137.873
6) PGPL	0.000	0.000	Include PX	6.009	242.957
7) Other IPP	13.951	392.275	d) Mumbai Bilateral *	22.946	688.358
C) 1) TPCL Thermal	13.959	484.246	Include PX	7.089	144.604
2) TPCL Hydro	3.182	125.822	Include Standby	0.000	0.000
3) TPCL Gas	4.479	122.753	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.425	344.235	1) MSEDCL	418.741	12354.017
D) STATE			2) Mumbai Discoms	61.360	1839.013
1) Thermal	278.424	8550.672	TOTAL STATE	480.101	14193.030
(A1+C1+C4+(B1-B6))					
2) Hydro	14.858	584.412			
(A2+C2)					
3) Gas	14.441	358.868			
(A3+B6+C3)					
4) Wind	18.953	248.359			
6) SOLAR	5.588	115.814			
TOTAL STATE	332.264	9858.125			

* 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 23 Hrs
MSPGCL Thermal	6473	6468	6247	5867
MSPGCL Hydro	1160	1119	217	229
MSPGCL Gas	432	428	380	400
MSPGCL Total Generation	8065	8015	6844	6496
Central Sector Receipt	7230	7184	5634	5668
WIND	333	377	1056	970
CPP / IPP Thermal	4479	4332	4144	4189
CPP / IPP Gas	0	0	0	0
SOLAR	731	778	0	0
Exchange with Mumbai	-1532	-1499	-1435	-1141
MSEDCL DEMAND MET	19306	19187	16243	16182
Load Shedding	0	0	0	0
MSEDCL DEMAND	19306	19187	16243	16182
TPCL GENERATION	998	989	1021	1018
R-INFRA GENERATION	502	503	375	375
MUMBAI DEMAND	3032	2991	2831	2534
STATE DEMAND MET	22338	22178	19074	18716
STATE DEMAND	22338	22178	19074	18716
Frequency (Hz)	50.01	49.99	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.01 Hrs	49.87 Hz at 14.22 Hrs	50.02	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/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	8.39	261.35	352	340
Unit 9	8.41	308.28	353	340
Unit 10	8.40	357.76	351	340
Total	25.21	927.39		
Bhusawal				
Unit 3	4.48	75.83	200	160
Unit 4	11.60	350.90	495	415
Unit 5	11.73	355.20	500	435
Total	27.82	781.93		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.54	161.97	250	190
Unit 7	5.52	151.19	256	187
Unit 8	5.01	165.71	230	187
Total	16.06	478.86		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.39	309.77	405	0
Unit 6	0.00	0.00	0	0
Unit 7	10.23	98.64	450	280
Unit 8	9.44	280.87	425	342
Unit 9	9.48	340.54	432	353
Total	36.54	1029.82		
Paras				
Unit 3	5.65	159.83	254	198
Unit 4	5.59	181.42	255	192
Total	11.24	341.25		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.68	77.76	200	190
Unit 3	4.51	104.49	200	176
Unit 4	5.04	131.36	210	210
Unit 5	11.24	325.32	500	425
Total	25.46	638.94		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.02	127.27	174	159
Unit 5	4.28	119.11	195	158
Total	8.29	250.20		
Uran				
All Units	9.96	236.12	465	319
Total	9.96	236.12		
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)	0.16	1.60	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	1.60		
Koyna				
Stage 1-2	2.04	111.00	380	40
Stage 4	3.62	165.58	647	0
Stage 3	1.18	59.08	152	0
Total	6.83	335.65		
Hydro				
KDPH	0.86	17.67	36	36
VTRNA	0.97	35.96	61	0
TILLARI	0.24	8.06	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	6.36	77	0
RNGR+BHTSA	0.00	9.32	0	0
BHANDARDRA	0.48	12.49	33	13
ELDARY	0.00	1.40	0	0
SMLHY_PTN	1.55	22.23	65	64
GHATGHAR	0.60	9.46	125	0
Total	4.84	122.94		
Wind				
Total	18.95	248.36	0	0
Total	18.95	248.36		
CPP				
APML(Mus)	39.48	1325.32	0	0
JSWEL(Mus)	18.36	569.50	0	0
VIPL(Mus)	10.02	332.01	0	0
RPLAMT(Mus)	17.57	532.02	0	0
WPCL(Mus)	4.03	122.67	0	0
Other(Mus)	13.95	392.28	0	0
Total	103.42	3273.80		
SOLAR				
Total	5.59	115.81	0	0
Total	5.59	115.81		
Tata				
Trombay 5	8.68	313.92	485	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.85	76.33	120	117
Trombay 7B	1.63	46.42	69	67
Trombay 8	5.28	170.32	242	201
TATA Hydro	3.18	125.82	322	6
Total	21.62	732.82		
R-INFRA				
DTPS U-1&2	10.42	344.24	503	375
Total	10.42	344.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.62	4448.40	MSPGCL Total	172.26	5143.10
			MSPGCL Thml+Gas	160.58	4684.51	Koyna 1,2 & 4 Total	5.65	276.57
			MSPGCL Hydro	11.68	458.59	State Total	332.26	9858.12

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 31/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	6162	290	319	6771	829	4584		0	6034	5951	-1057	17078	0	17078	2428	19506	50.00
2	6174	167	360	6701	973	4482		0	6028	5785	-865	17076	0	17076	2232	19308	50.02
3	6230	213	443	6886	986	4372		0	6020	5596	-859	16981	0	16981	2083	19064	50.01
4	6118	220	465	6803	1099	4138		0	5882	5570	-870	16740	0	16740	1982	18722	50.01
5	6092	220	448	6760	1096	4126		0	5838	5867	-833	17016	0	17016	1954	18970	50.03
6	6227	329	459	7015	1045	4212		0	5984	5980	-800	17452	0	17452	2008	19460	50.03
7	6394	473	458	7325	892	4518		12	6302	6362	-684	18425	0	18425	2064	20489	50.08
8	6432	257	450	7139	736	4397		129	6204	5891	-755	17537	0	17537	2148	19685	50.08
9	6430	244	453	7127	442	4418		342	6108	5984	-1141	17172	0	17172	2361	19533	50.02
10	6382	458	450	7290	271	4240		518	6123	6260	-1382	17197	0	17197	2674	19871	50.02
11	6392	546	435	7373	317	4513		680	6551	6540	-1411	18012	0	18012	2932	20944	50.04
12	6473	1160	432	8065	333	4479		731	7228	7230	-1532	19306	0	19306	3032	22338	50.01
13	6468	1119	428	8015	377	4332		778	7424	7184	-1499	19187	0	19187	2991	22178	49.99
14	6537	1015	418	7970	449	4267		727	7212	6838	-1472	18779	0	18779	2878	21657	50.00
15	6501	1019	427	7947	569	4332		678	7413	7077	-1537	19066	0	19066	2919	21985	49.96
16	6467	1022	399	7888	710	4412		529	7381	7022	-1575	18986	0	18986	2942	21928	49.99
17	6485	1014	394	7893	866	4345		330	6901	6939	-1578	18795	0	18795	2896	21691	50.00
18	6428	642	395	7465	1025	4265		118	6381	6025	-1539	17359	0	17359	2821	20180	50.08
19	5993	203	405	6601	1025	4195		16	5998	5650	-1587	15900	0	15900	2788	18688	50.04
20	6247	217	380	6844	1056	4144		0	6104	5634	-1435	16243	0	16243	2831	19074	50.01
21	6198	179	380	6757	1011	4168		0	5880	5495	-1417	16014	0	16014	2743	18757	49.98
22	6091	226	379	6696	946	4156		0	5613	5423	-1247	15974	0	15974	2616	18590	49.99
23	5867	229	400	6496	970	4189		0	5749	5668	-1141	16182	0	16182	2534	18716	50.00
24	5832	214	385	6431	930	4136		0	5775	5865	-1099	16263	0	16263	2503	18766	49.97
MUs	150.62	11.68	9.96	172.26	18.95	103.42		5.59	152.13	147.84	-29.32	418.74	0.00	418.74	61.36	480.10	50.02

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/2018

Position as on 6.30 Hrs of 01/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09	01/04/2018	03.15	3 months outage for refuelling.	
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
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	31/03/2018	14.00	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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
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	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40	01/04/2018	01.05	Poor coal Receipt From 06.03.2018	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
MSPGCL	Chandrapur Unit 5	500	31/03/2018	22.10		Continued.	Water Shortage	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	01/04/2018	02.05		Continued.	due to heavy clinker grinder of bottom ash hopper.	
MSPGCL	Paras Unit 4	250	01/04/2018	11.02	01/04/2018	15.18	due to electrical fault.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 01/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	31/03/2018	09.23	31/03/2018	19.38	PO	maintenance of line equipment's.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	30/03/2018	22.30	31/03/2018	06.04	PO	Routine Maintenance 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 I	InterState	30/03/2018	18.08	31/03/2018	10.20	HT	Over Voltage
Dabhol Nagothane II	InterState	31/03/2018	08.35	31/03/2018	19.39	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	31/03/2018	18.27	01/04/2018	10.27	HT	Over Voltage
Padgha - Boisar (PG)	InterState	01/04/2018	06.01	01/04/2018	06.39	T	Distance Protection
Dabhol Nagothane I	InterState	01/04/2018	09.27	01/04/2018	19.24	PO	Line Maintenance work
Dhule Sar'Sarovar II	InterState	01/04/2018	10.38	01/04/2018	13.03	EO	sf6 gas filling work.
Dhule Sar'Sarovar I	InterState	01/04/2018	17.03		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/03/2018	18.17	31/03/2018	08.27	HT	Over Voltage
Girwali - Lonikand 1	IntraState	31/03/2018	12.07	31/03/2018	17.46	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	31/03/2018	17.26		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	31/03/2018	17.29	01/04/2018	11.02	T	Distance Protection
Padghe - Kalwa- I	IntraState	01/04/2018	07.02	01/04/2018	14.49	EO	Attending Hot Spot
Koradi-Bhusawal	IntraState	01/04/2018	12.52	01/04/2018	14.26	T	Distance Protection
Chandrapu II - Chandrapur SW Ckt II	IntraState	01/04/2018	18.03	01/04/2018	20.17	T	cvt fuse fail.
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	31/03/2018	07.02	01/04/2018	02.45	T	Differential protection
400/220KV 500MVA ICT-I @Nanded	IntraState	31/03/2018	13.08	31/03/2018	17.01	PO	replacement of lv side ct.
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
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.
Boisar(MS) - Boisar (PG) II	InterState	01/04/2018	07.03	01/04/2018	08.52	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-Sonkhar	IntraState	29/03/2018	06.16	01/04/2018	22.01	PO	Replacement Of Conductor
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	30/03/2018	18.33	31/03/2018	02.02	PO	crm timing.
Dahanu Versova	IntraState	31/03/2018	08.50	31/03/2018	14.36	PO	Line Maintenance work
Mahad - Pedambe	IntraState	31/03/2018	09.07	31/03/2018	17.25	PO	cold washing.
chandrapur-Tadali	IntraState	31/03/2018	10.35	01/04/2018	15.30	PO	for making lilo arrangement on 400 kv chandrapur 2.

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/Tripping for 31/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 01/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Butibori - VIPL Ckt II	IntraState	31/03/2018	11.59	31/03/2018	17.05	PO	Testing Work
Chalishaon-Sayne	IntraState	31/03/2018	12.05	31/03/2018	15.15	PO	Attending Oil Leakage
Warora - Hinganghat	IntraState	31/03/2018	13.25	31/03/2018	16.54	T	Distance Protection
Tata Borivli MSETCL Borivli 4	IntraState	01/04/2018	09.20	01/04/2018	12.31	PO	tree trimming work.
Kalwa - Siemens	IntraState	01/04/2018	09.22	01/04/2018	18.10	PO	for safety purpose.
Kharghar-Borivali ckt I	IntraState	01/04/2018	09.38	01/04/2018	18.07	PO	for safety purpose.
220 KV ICT Outages/Tripping							
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)
100MVA ICT - I @ Boisar-II	IntraState	26/03/2018	13.54		Continued.	T	Buccholz Protection Optd
220/132 KV ICT @ Bhugaon	IntraState	28/03/2018	19.04	31/03/2018	18.00	T	ref Protection Operated.
220/33kV 125 MVA Transformer 2 @Aarey R/S	IntraState	31/03/2018	09.10	31/03/2018	15.49	PO	Testing Work
132 KV LINE Outages/Tripping							
Hinganghat-Ismt-Ckt 2	IntraState	31/03/2018	13.26	31/03/2018	14.05	T	Backup Protection
Mouda-Bhandara	IntraState	01/04/2018	21.21	01/04/2018	22.11	T	ct burst of bus coupler.
Kanhan-Mouda	IntraState	01/04/2018	21.21	01/04/2018	21.47	T	ct burst of bus coupler.
100 KV LINE Outages/Tripping							
Kalwa-Kalyan	IntraState	01/04/2018	04.03	01/04/2018	04.45	T	Distance Protection

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