

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Apr/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.295	144.295	1) Gujrat	-2.923	-2.923
2) Hydro	10.397	10.397	2) Madhya Pradesh	18.948	18.948
3) Gas	10.436	10.436	3) Chattisgarh	6.810	6.810
Total MSPGCL	165.128	165.128	4) Maharashtra Net	122.661	122.661
B) 1) APML	37.705	37.705	5) Goa (Amona)	-0.462	-0.462
2) JSWEL	17.554	17.554	Total	145.034	145.034
3) VIPL	5.235	5.235	a) Mumbai Schedule	17.595	17.595
4) RPL(AMT)	17.674	17.674	b) Mumbai Drawl	23.908	23.908
5) WPCL	4.424	4.424	c) MSEDCL Bilateral *	33.836	33.836
6) PGPL	0.000	0.000	Include PX	4.856	4.856
7) Other IPP	13.399	13.399	d) Mumbai Bilateral *	17.595	17.595
C) 1) TPCL Thermal	13.864	13.864	Include PX	2.623	2.623
2) TPCL Hydro	1.359	1.359	Include Standby	0.000	0.000
3) TPCL Gas	3.587	3.587	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.282	10.282	1) MSEDCL	401.277	401.277
D) STATE			2) Mumbai Discoms	53.000	53.000
1) Thermal	264.432	264.432	TOTAL STATE	454.277	454.277
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	11.756	11.756			
3) Gas (A3+B6+C3)	14.023	14.023			
4) Wind	13.444	13.444			
6) SOLAR	5.588	5.588			
TOTAL STATE	309.243	309.243			

* 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 24 Hrs
MSPGCL Thermal	5919	5970	6079	5923
MSPGCL Hydro	779	684	224	159
MSPGCL Gas	426	421	436	451
MSPGCL Total Generation	7124	7075	6739	6533
Central Sector Receipt	6776	7011	6064	5566
WIND	282	201	437	750
CPP / IPP Thermal	4092	4201	3703	3701
CPP / IPP Gas	0	0	0	0
SOLAR	700	742	0	0
Exchange with Mumbai	-1074	-985	-1259	-1335
MSEDCL DEMAND MET	17900	18245	15684	15215
Load Shedding	0	0	0	0
MSEDCL DEMAND	17900	18245	15684	15215
TPCL GENERATION	798	855	735	738
R-INFRA GENERATION	438	492	378	379
MUMBAI DEMAND	2310	2332	2372	2452
STATE DEMAND MET	20210	20577	18056	17667
STATE DEMAND	20210	20577	18056	17667
Frequency (Hz)	49.98	49.98	50.05	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.00 Hrs	49.73 Hz at 08.18 Hrs	49.99	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 01/Apr/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	8.40	8.40	351	348
Unit 9	8.42	8.42	352	347
Unit 10	8.42	8.42	355	350
Total	25.24	25.24		
Bhusawal				
Unit 3	4.34	4.34	200	160
Unit 4	11.48	11.48	495	360
Unit 5	11.48	11.48	500	360
Total	27.30	27.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.60	5.60	250	194
Unit 7	5.54	5.54	248	186
Unit 8	4.97	4.97	224	188
Total	16.12	16.12		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.75	10.75	458	434
Unit 8	10.26	10.26	460	400
Unit 9	10.25	10.25	456	398
Total	31.27	31.27		
Paras				
Unit 3	5.82	5.82	253	188
Unit 4	4.61	4.61	256	0
Total	10.43	10.43		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.60	4.60	195	175
Unit 3	4.50	4.50	195	180
Unit 4	5.04	5.04	212	208
Unit 5	11.65	11.65	500	444
Total	25.78	25.78		
Nasik				
Unit 3	3.52	3.52	190	0
Unit 4	0.32	0.32	159	0
Unit 5	4.32	4.32	198	162
Total	8.16	8.16		
Uran				
All Units	10.44	10.44	469	403
Total	10.44	10.44		
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)	0.18	0.18	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	0.18		
Koyna				
Stage 1-2	3.64	3.64	440	40
Stage 4	0.83	0.83	303	0
Stage 3	1.42	1.42	160	0
Total	5.89	5.89		
Hydro				
KDPH	0.86	0.86	36	36
VTRNA	1.40	1.40	61	15
TILLARI	0.42	0.42	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.12	80	0
RNGR+BHTSA	0.32	0.32	14	13
BHANDARDRA	0.48	0.48	33	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.90	0.90	38	37
GHATGHAR	0.00	0.00	0	0
Total	4.51	4.51		
Wind				
Total	13.44	13.44	0	0
Total	13.44	13.44		
CPP				
APML(Mus)	37.70	37.70	0	0
JSWEL(Mus)	17.55	17.55	0	0
VIPL(Mus)	5.24	5.24	0	0
RPLAMT(Mus)	17.67	17.67	0	0
WPCL(Mus)	4.42	4.42	0	0
Other(Mus)	13.40	13.40	0	0
Total	95.99	95.99		
SOLAR				
Total	5.59	5.59	0	0
Total	5.59	5.59		
Tata				
Trombay 5	8.89	8.89	474	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.17	2.17	119	75
Trombay 7B	1.42	1.42	68	54
Trombay 8	4.97	4.97	217	199
TATA Hydro	1.36	1.36	160	6
Total	18.81	18.81		
R-INFRA				
DTPS U-1&2	10.28	10.28	499	375
Total	10.28	10.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.30	144.30	MSPGCL Total	165.13	165.13
			MSPGCL Thml+Gas	154.73	154.73	Koyna 1,2 & 4 Total	4.47	4.47
			MSPGCL Hydro	10.40	10.40	State Total	309.24	309.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Apr/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	5963	398	416	6777	960	3867	0	0	5913	5964	-1129	16439	0	16439	2365	18804	49.90
2	6118	418	426	6962	855	3850	0	0	5747	5516	-1035	16148	0	16148	2187	18335	49.90
3	6037	311	403	6751	1101	4043	0	0	5762	5467	-897	16465	0	16465	2044	18509	49.93
4	6057	201	404	6662	1043	4040	0	0	5830	5545	-862	16428	0	16428	1956	18384	49.95
5	6095	207	438	6740	951	3774	0	0	5721	5790	-836	16419	0	16419	1923	18342	49.93
6	6108	267	461	6836	865	3874	0	0	5889	5904	-760	16719	0	16719	1952	18671	49.94
7	6095	538	463	7096	901	4165	0	36	6201	6060	-655	17603	0	17603	1955	19558	50.00
8	6144	650	453	7247	690	4127	0	160	5920	5761	-632	17353	0	17353	1951	19304	50.06
9	6173	332	469	6974	408	4095	0	374	5943	5666	-768	16749	0	16749	2036	18785	50.01
10	6111	339	449	6899	348	4077	0	540	6002	5640	-1069	16435	0	16435	2175	18610	50.00
11	6100	397	432	6929	333	3980	0	682	6018	6133	-1165	16892	0	16892	2260	19152	50.00
12	5919	779	426	7124	282	4092	0	700	6805	6776	-1074	17900	0	17900	2310	20210	49.98
13	5970	684	421	7075	201	4201	0	742	6921	7011	-985	18245	0	18245	2332	20577	49.98
14	5980	509	425	6914	201	4162	0	753	6694	6753	-986	17797	0	17797	2312	20109	49.99
15	5931	699	424	7054	280	4164	0	643	6793	6857	-936	18062	0	18062	2302	20364	49.97
16	5951	748	416	7115	279	4195	0	502	6884	7064	-907	18248	0	18248	2293	20541	50.01
17	6145	818	426	7389	280	4180	0	348	6501	6615	-857	17955	0	17955	2252	20207	50.02
18	6198	857	431	7486	235	4186	0	104	5967	5827	-860	16978	0	16978	2208	19186	50.03
19	6046	229	442	6717	230	4020	0	4	5895	5845	-1101	15715	0	15715	2223	17938	50.04
20	6079	224	436	6739	437	3703	0	0	5867	6064	-1259	15684	0	15684	2372	18056	50.05
21	5840	219	447	6506	488	3776	0	0	5711	5690	-1257	15203	0	15203	2371	17574	50.01
22	5640	210	438	6288	623	3846	0	0	5514	5692	-1259	15190	0	15190	2373	17563	50.00
23	5672	204	439	6315	703	3873	0	0	5660	5828	-1284	15435	0	15435	2396	17831	50.03
24	5923	159	451	6533	750	3701	0	0	5962	5566	-1335	15215	0	15215	2452	17667	50.01
MUs	144.29	10.40	10.44	165.13	13.44	95.99	0.00	5.59	146.12	145.03	-23.91	401.28	0.00	401.28	53.00	454.28	49.99

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/2018

Position as on 6.30 Hrs of 02/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	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.	
MSPGCL	Paras Unit 4	250	02/04/2018	03.42		Continued.	electrical protection operated.	
MSPGCL	Koyna STG- IV Unit - 1	250	02/04/2018	06.00	02/04/2018	09.15	butterfly wall control fault.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 02/Apr/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 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
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
400/220/33 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
chandrapur-Tadali	IntraState	31/03/2018	10.35	01/04/2018	15.30	PO	for making lilo arrangement on 400 kv chandrapur 2.
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/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)
100MVA ICT - I @ Boisar-II	IntraState	26/03/2018	13.54		Continued.	T	Buccholz Protection Optd
132 KV LINE Outages/Trippings							
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/Trippings							
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