

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Apr/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.633	1416.887	1) Gujrat	-2.274	-24.110
2) Hydro	18.076	175.715	2) Madhya Pradesh	19.388	186.536
3) Gas	10.614	98.654	3) Chattisgarh	7.820	68.210
Total MSPGCL	165.323	1691.256	4) Maharashtra Net	136.739	1283.973
B) 1) APML	45.871	436.222	5) Goa (Amona)	-0.176	-4.840
2) JSWEL	18.967	189.702	Total	161.497	1509.769
3) VIPL	5.062	50.859	a) Mumbai Schedule	25.700	237.466
4) RPL(AMT)	25.498	224.751	b) Mumbai Drawl	30.314	276.031
5) WPCL	5.528	51.301	c) MSEDCL Bilateral *	36.984	380.355
6) PGPL	0.000	0.000	Include PX	6.624	80.569
7) Other IPP	12.544	130.435	d) Mumbai Bilateral *	25.700	237.466
C) 1) TPCL Thermal	15.930	154.797	Include PX	7.939	67.353
2) TPCL Hydro	4.862	42.298	Include Standby	0.000	0.000
3) TPCL Gas	3.994	38.406	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.362	112.841	1) MSEDCL	424.100	4166.589
D) STATE			2) Mumbai Discoms	66.463	624.377
1) Thermal	277.395	2767.795	TOTAL STATE	490.563	4790.966
(A1+C1+C4+(B1-B6))					
2) Hydro	22.938	218.013			
(A2+C2)					
3) Gas	14.608	137.060			
(A3+B6+C3)					
4) Wind	8.675	105.993			
6) SOLAR	5.449	52.332			
TOTAL STATE	329.065	3281.193			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5507	5503	5662	5824
MSPGCL Hydro	1337	1745	287	192
MSPGCL Gas	422	425	434	449
MSPGCL Total Generation	7266	7673	6383	6465
Central Sector Receipt	7495	8070	6333	5828
WIND	173	245	570	365
CPP / IPP Thermal	4743	4749	4769	4816
CPP / IPP Gas	0	0	0	0
SOLAR	772	442	11	0
Exchange with Mumbai	-1534	-1473	-1360	-755
MSEDCL DEMAND MET	18915	19706	16706	16719
Load Shedding	0	0	6	0
MSEDCL DEMAND	18915	19706	16712	16719
TPCL GENERATION	1253	1331	1150	829
R-INFRA GENERATION	497	496	498	498
MUMBAI DEMAND	3284	3300	3008	2082
STATE DEMAND MET	22199	23006	19714	18801
STATE DEMAND	22199	23006	19720	18801
Frequency (Hz)	49.96	49.98	50.04	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13.00 Hrs	49.74 Hz at 14.22 Hrs	49.96	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 10/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	9.25	91.32	416	335
Unit 9	10.76	94.18	560	349
Unit 10	9.96	93.48	470	351
Total	29.96	278.98		
Bhusawal				
Unit 3	4.46	44.96	195	155
Unit 4	10.99	113.21	485	360
Unit 5	11.04	114.68	490	365
Total	26.48	272.85		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.64	56.51	240	200
Unit 7	5.57	54.94	248	140
Unit 8	4.84	49.65	215	182
Total	16.04	161.10		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	4.65	16.49	470	85
Unit 6	0.00	0.00	0	0
Unit 7	10.66	106.14	450	402
Unit 8	0.00	70.66	0	0
Unit 9	10.98	100.36	482	403
Total	26.30	293.65		
Paras				
Unit 3	5.92	55.69	250	242
Unit 4	5.42	23.13	235	211
Total	11.33	78.82		
Khaparkheda				
Unit 1	3.94	28.84	170	160
Unit 2	4.44	44.80	200	165
Unit 3	4.45	27.17	205	140
Unit 4	4.92	48.42	206	200
Unit 5	2.46	96.19	484	0
Total	20.22	245.41		
Nasik				
Unit 3	1.90	41.67	194	0
Unit 4	0.00	0.32	0	0
Unit 5	4.40	44.08	196	155
Total	6.30	86.07		
Uran				
All Units	10.61	98.65	467	417
Total	10.61	98.65		
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	1.50	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.50		
Koyna				
Stage 1-2	2.88	43.44	390	40
Stage 4	8.18	62.46	905	0
Stage 3	2.62	23.25	320	0
Total	13.68	129.15		
Hydro				
KDPH	0.86	8.64	36	36
VTRNA	0.82	11.00	60	0
TILLARI	0.24	3.89	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	2.08	40	0
RNGR+BHTSA	0.28	2.78	13	0
BHANDARDRA	0.49	4.82	38	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	7.36	20	19
GHATGHAR	0.97	6.00	250	0
Total	4.39	46.56		
Wind				
Total	8.68	105.99	0	0
Total	8.68	105.99		
CPP				
APML(Mus)	45.87	436.22	0	0
JSWEL(Mus)	18.97	189.70	0	0
VIPL(Mus)	5.06	50.86	0	0
RPLAMT(Mus)	25.50	224.75	0	0
WPCL(Mus)	5.53	51.30	0	0
Other(Mus)	12.54	130.44	0	0
Total	113.47	1083.27		
SOLAR				
Total	5.45	52.33	0	0
Total	5.45	52.33		
Tata				
Trombay 5	10.81	103.76	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	23.65	115	71
Trombay 7B	1.52	14.76	67	53
Trombay 8	5.12	51.03	218	199
TATA Hydro	4.86	42.30	459	18
Total	24.79	235.50		
R-INFRA				
DTPS U-1&2	11.36	112.84	500	375
Total	11.36	112.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.63	1416.89	MSPGCL Total	165.32	1691.26
			MSPGCL Thml+Gas	147.25	1515.54	Koyna 1,2 & 4 Total	11.06	105.91
			MSPGCL Hydro	18.08	175.72	State Total	329.06	3281.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5742	191	446	6379	374	4806	0	0	6175	6247	-1181	16625	0	16625	2563	19188	49.96
2	5850	201	456	6507	257	4755	0	0	6101	6301	-1006	16814	0	16814	2345	19159	49.95
3	5822	181	467	6470	298	4746	0	0	6078	5980	-863	16631	0	16631	2186	18817	49.96
4	5824	192	449	6465	365	4816	0	0	5915	5828	-755	16719	0	16719	2082	18801	49.99
5	5840	192	460	6492	359	4645	0	0	5990	6070	-713	16853	0	16853	2036	18889	49.94
6	5838	524	460	6822	344	4750	0	0	6077	6227	-710	17433	0	17433	2088	19521	49.88
7	5920	1088	461	7469	177	4836	0	23	6786	6917	-735	18687	0	18687	2163	20850	50.03
8	5955	837	452	7244	136	4808	0	159	6723	6943	-858	18432	0	18432	2291	20723	50.04
9	5986	850	452	7288	131	4892	0	399	6330	6443	-1156	17997	0	17997	2594	20591	49.97
10	5981	856	437	7274	172	4839	0	569	6444	6622	-1318	18158	0	18158	2951	21109	49.98
11	5561	1114	430	7105	153	4759	0	701	6820	6824	-1465	18077	0	18077	3201	21278	50.00
12	5507	1337	422	7266	173	4743	0	772	7480	7495	-1534	18915	0	18915	3284	22199	49.96
13	5485	1324	417	7226	170	4684	0	805	7690	7673	-1496	19062	0	19062	3269	22331	49.91
14	5467	1279	417	7163	231	4623	0	672	7781	8017	-1457	19249	0	19249	3212	22461	49.96
15	5460	1729	423	7612	170	4741	0	538	7857	7876	-1467	19470	0	19470	3277	22747	49.91
16	5503	1745	425	7673	245	4749	0	442	7964	8070	-1473	19706	0	19706	3300	23006	49.98
17	5494	1713	438	7645	346	4842	0	265	7504	7300	-1435	18963	0	18963	3250	22213	49.99
18	5563	1461	432	7456	409	4778	0	93	6617	6719	-1365	18090	0	18090	3145	21235	50.00
19	5662	287	434	6383	570	4769	0	11	6067	6333	-1360	16706	6	16712	3008	19720	50.04
20	5776	171	445	6392	820	4844	0	0	6377	6285	-1661	16680	0	16680	3004	19684	49.95
21	5848	160	448	6456	812	4639	0	0	6145	6194	-1661	16440	0	16440	2898	19338	49.94
22	5635	198	452	6285	732	4481	0	0	5886	6078	-1583	15993	0	15993	2787	18780	50.00
23	5461	178	449	6088	706	4478	0	0	5837	6529	-1494	16307	0	16307	2769	19076	49.87
24	5453	268	442	6163	525	4447	0	0	5954	6525	-1568	16092	0	16092	2759	18851	49.90
MUs	136.63	18.08	10.61	165.32	8.67	113.47	0.00	5.45	158.60	161.50	-30.31	424.10	0.01	424.11	66.46	490.57	49.96

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 10/Apr/2018

Position as on 6.30 Hrs of 11/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
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	Uran Unit 6	108	04/04/2018	03.19		Continued.	inspection work	
MSPGCL	Chandrapur Unit-8	500	07/04/2018	20.39		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	09/04/2018	03.45	10/04/2018	17.02	Boiler validity work	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	10/04/2018	10.37		Continued.	Air heater problem	
IPP	Adani U-4	660	10/04/2018	13.12		Continued.	Pa dust bellow leakage.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 11/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	09/04/2018	17.45	10/04/2018	10.03	HT	Over Voltage
Dabhol Nagothane II	InterState	10/04/2018	08.08	10/04/2018	19.51	PO	Line Maintenance work
Dhule Sar'Sarovar II	InterState	10/04/2018	18.35	11/04/2018	05.59	HT	Over Voltage
Lamboti - Solapur (PG)	InterState	11/04/2018	02.45	11/04/2018	03.32	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	10/04/2018	15.09	10/04/2018	17.31	PO	Attending Hot Spot
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.
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.
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)
Mahad - Pedambe	IntraState	10/04/2018	06.17	10/04/2018	17.20	PO	Line Maintenance work
Pedhambe - Oni	IntraState	10/04/2018	08.15	10/04/2018	16.53	PO	insulator cleaning work
Kalmeshwar-Pandhurna	IntraState	10/04/2018	09.03	10/04/2018	18.29	PO	Annual Maintenance Work
Hinjawadi I- Chinchwad	IntraState	10/04/2018	09.25	10/04/2018	10.50	HT	Urse line loading
Miraj - Mhaishal	IntraState	10/04/2018	10.07	10/04/2018	14.51	PO	Swich Replacement
Satara (MIDC)-Ajinkyatara	IntraState	10/04/2018	10.30	10/04/2018	17.10	PO	Annual Maintenance Work
Pirangut - Hinjawadi 2	IntraState	10/04/2018	10.41	10/04/2018	10.52	T	220kv Khandalgaon-pirangut line tripped on dist. protection
Kandalgaon - Pirangut	IntraState	10/04/2018	10.41	10/04/2018	11.03	T	Distance Protection
Infosys - Hinjawadi 1	IntraState	10/04/2018	10.41	10/04/2018	10.52	T	220kv Khandalgaon-pirangut line tripped on dist. protection
Pegasus - Infosys	IntraState	10/04/2018	10.41	10/04/2018	10.52	T	220kv Khandalgaon-pirangut line tripped on dist. protection
Padghe - Jambhul 1	IntraState	10/04/2018	14.31	10/04/2018	14.49	T	Tripped on padhghe end only
Vita - Mhaishal	IntraState	10/04/2018	15.00	10/04/2018	17.37	PO	Replacement work
Kharghar-Borivali ckt I	IntraState	10/04/2018	15.08	10/04/2018	17.22	T	Distance Protection
Chakan-Chinchwad	IntraState	11/04/2018	01.05	11/04/2018	02.35	EO	To attend 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(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)
220/132kv 100MVA ICT II @Satara Midc	IntraState	10/04/2018	15.07	10/04/2018	16.50	PO	Attending Hot Spot
132 KV LINE Outages/Trippings							
Sakoli-Asgaon	IntraState	10/04/2018	18.40	10/04/2018	19.03	T	Distance Protection

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