

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Apr/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.773	1835.818	1) Gujrat	-1.903	-28.190
2) Hydro	28.147	225.363	2) Madhya Pradesh	18.433	244.786
3) Gas	10.252	129.208	3) Chattisgarh	8.170	91.700
Total MSPGCL	173.172	2190.389	4) Maharashtra Net	122.758	1677.473
B) 1) APML	47.188	575.916	5) Goa (Amona)	-0.374	-5.676
2) JSWEL	18.609	241.330	Total	147.084	1980.093
3) VIPL	5.047	66.033	a) Mumbai Schedule	27.030	317.890
4) RPL(AMT)	26.666	298.248	b) Mumbai Drawl	29.837	369.636
5) WPCL	5.436	67.864	c) MSEDCL Bilateral *	35.457	491.795
6) PGPL	0.000	0.000	Include PX	4.447	97.667
7) Other IPP	12.275	166.997	d) Mumbai Bilateral *	27.030	317.890
C) 1) TPCL Thermal	16.206	200.440	Include PX	9.607	94.465
2) TPCL Hydro	5.291	57.883	Include Standby	0.000	0.000
3) TPCL Gas	4.262	51.279	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.973	146.261	1) MSEDCL	422.593	5422.039
D) STATE			2) Mumbai Discoms	67.569	825.503
1) Thermal	278.173	3598.907	TOTAL STATE	490.162	6247.542
(A1+C1+C4+(B1-B6))					
2) Hydro	33.438	283.246			
(A2+C2)					
3) Gas	14.514	180.487			
(A3+B6+C3)					
4) Wind	11.186	136.018			
6) SOLAR	5.767	68.787			
TOTAL STATE	343.078	4267.445			

* 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 4 Hrs
MSPGCL Thermal	5521	5551	5480	5699
MSPGCL Hydro	1721	1751	897	529
MSPGCL Gas	408	417	426	443
MSPGCL Total Generation	7650	7719	6803	6671
Central Sector Receipt	6828	7182	5890	5539
WIND	250	176	778	570
CPP / IPP Thermal	4765	4757	4803	4699
CPP / IPP Gas	0	0	0	0
SOLAR	830	752	0	0
Exchange with Mumbai	-1580	-1607	-1416	-757
MSEDCL DEMAND MET	18743	18979	16858	16722
Load Shedding	0	0	0	0
MSEDCL DEMAND	18743	18979	16858	16722
TPCL GENERATION	1253	1235	1135	865
R-INFRA GENERATION	501	502	497	499
MUMBAI DEMAND	3334	3344	3048	2121
STATE DEMAND MET	22077	22323	19906	18843
STATE DEMAND	22077	22323	19906	18843
Frequency (Hz)	49.91	49.90	49.91	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.00 Hrs	49.74 Hz at 23.18 Hrs	49.94	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 13/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	8.94	118.68	406	350
Unit 9	9.62	123.83	452	350
Unit 10	9.58	122.94	451	350
Total	28.14	365.44		
Bhusawal				
Unit 3	4.67	58.48	200	185
Unit 4	11.38	146.44	485	450
Unit 5	11.79	148.74	500	470
Total	27.84	353.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.73	73.35	242	235
Unit 7	5.70	71.54	245	230
Unit 8	0.00	54.12	0	0
Total	11.43	199.02		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	16.49	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.69	138.21	450	438
Unit 8	10.67	97.88	468	420
Unit 9	5.33	127.58	450	0
Total	26.69	380.17		
Paras				
Unit 3	5.98	73.29	253	244
Unit 4	5.67	39.73	244	228
Total	11.65	113.02		
Khaparkheda				
Unit 1	3.10	39.52	145	105
Unit 2	3.16	56.27	140	125
Unit 3	3.35	38.68	144	133
Unit 4	3.35	60.25	160	133
Unit 5	11.59	130.65	500	440
Total	24.55	325.38		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	0.00	0.32	0	0
Unit 5	4.46	57.14	194	170
Total	4.46	99.13		
Uran				
All Units	10.25	129.21	443	407
Total	10.25	129.21		
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	1.72	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	1.72		
Koyna				
Stage 1-2	6.20	55.88	545	40
Stage 4	13.22	80.58	1000	0
Stage 3	3.92	29.94	240	34
Total	23.35	166.40		
Hydro				
KDPH	0.86	11.23	36	36
VTRNA	1.34	13.77	61	0
TILLARI	0.36	4.85	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	2.85	40	0
RNGR+BHTSA	0.28	3.62	12	11
BHANDARDRA	0.50	6.30	39	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.40	8.57	17	16
GHATGHAR	0.80	7.78	250	0
Total	4.80	58.96		
Wind				
Total	11.19	136.02	0	0
Total	11.19	136.02		
CPP				
APML(Mus)	47.19	575.92	0	0
JSWEL(Mus)	18.61	241.33	0	0
VIPL(Mus)	5.05	66.03	0	0
RPLAMT(Mus)	26.67	298.25	0	0
WPCL(Mus)	5.44	67.86	0	0
Other(Mus)	12.28	167.00	0	0
Total	115.22	1416.39		
SOLAR				
Total	5.77	68.79	0	0
Total	5.77	68.79		
Tata				
Trombay 5	10.79	133.92	490	392
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	31.78	117	100
Trombay 7B	1.57	19.50	68	62
Trombay 8	5.42	66.52	228	222
TATA Hydro	5.29	57.88	459	0
Total	25.76	309.60		
R-INFRA				
DTPS U-1&2	11.97	146.26	502	496
Total	11.97	146.26		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.77	1835.82	MSPGCL Total	173.17	2190.39
			MSPGCL Thml+Gas	145.02	1965.03	Koyna 1,2 & 4 Total	19.42	136.46
			MSPGCL Hydro	28.15	225.36	State Total	343.08	4267.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	5702	934	430	7066	519	4692	0	0	5925	5727	-1217	16787	0	16787	2658	19445	49.93
2	5721	930	433	7084	513	4728	0	0	5759	5794	-981	17138	0	17138	2415	19553	49.97
3	5670	686	434	6790	533	4757	0	0	5676	5477	-863	16694	0	16694	2231	18925	50.00
4	5699	529	443	6671	570	4699	0	0	5637	5539	-757	16722	0	16722	2121	18843	49.97
5	5709	522	436	6667	608	4710	0	0	5610	5512	-730	16767	0	16767	2093	18860	49.97
6	5729	1158	435	7322	599	4713	0	0	5620	5533	-753	17414	0	17414	2165	19579	49.93
7	5759	1774	437	7970	515	4737	0	20	6054	5964	-792	18414	0	18414	2223	20637	50.00
8	5792	1516	436	7744	446	4759	0	166	5948	6120	-927	18308	0	18308	2363	20671	50.01
9	5816	1268	440	7524	350	4768	0	422	5941	5964	-1246	17782	0	17782	2674	20456	49.98
10	5805	1224	424	7453	408	4801	0	595	6126	5935	-1413	17779	0	17779	2999	20778	49.98
11	5622	1174	417	7213	307	4742	0	729	6300	6252	-1546	17697	0	17697	3231	20928	49.97
12	5521	1721	408	7650	250	4765	0	830	6637	6828	-1580	18743	0	18743	3334	22077	49.91
13	5551	1751	417	7719	176	4757	0	752	7071	7182	-1607	18979	0	18979	3344	22323	49.90
14	5552	1766	416	7734	178	4763	0	767	6890	7210	-1566	19086	0	19086	3232	22318	49.88
15	5526	1692	407	7625	166	4920	0	574	6963	7051	-1567	18769	0	18769	3305	22074	49.93
16	5505	2051	419	7975	199	4926	0	496	7026	6854	-1580	18870	0	18870	3339	22209	49.96
17	5492	2138	418	8048	424	4944	0	275	6887	6603	-1513	18781	0	18781	3287	22068	49.90
18	5499	1964	423	7886	549	4780	0	138	6022	5942	-1420	17875	0	17875	3190	21065	49.94
19	5499	985	426	6910	678	4862	0	3	5469	5588	-1339	16702	0	16702	3043	19745	49.98
20	5480	897	426	6803	778	4803	0	0	6001	5890	-1416	16858	0	16858	3048	19906	49.91
21	5527	346	429	6302	659	4915	0	0	5887	5974	-1331	16519	0	16519	2923	19442	49.94
22	5487	335	429	6251	656	4930	0	0	5837	5948	-1242	16543	0	16543	2814	19357	49.93
23	5543	374	439	6356	618	4918	0	0	5906	6072	-1183	16781	0	16781	2775	19556	49.88
24	5567	412	430	6409	487	4825	0	0	6085	6125	-1268	16578	0	16578	2762	19340	49.86
MUs	134.77	28.15	10.25	173.17	11.19	115.22	0.00	5.77	147.28	147.08	-29.84	422.59	0.00	422.59	67.57	490.16	49.94

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 13/Apr/2018

Position as on 6.30 Hrs of 14/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	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	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	13/04/2018	01.10	Pa dust bellow leakage.	
CENT.SECTOR	Tarapur 1	160	11/04/2018	21.35	13/04/2018	06.29	Drywell.	
MSPGCL	Parli Unit 8	250	11/04/2018	23.59		Continued.	HEAVY STEAM LEAKAGE AT HP HITTER SIX.	
MSPGCL	Chandrapur Unit 9	500	13/04/2018	10.27	13/04/2018	20.41	Generator Protection operated	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 14/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	13/04/2018	01.14	13/04/2018	05.21	PO	Detailed Inspection And Attending Water Leakage From Valve Hall.
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 II	InterState	12/04/2018	18.30	13/04/2018	06.16	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	13/04/2018	16.51	13/04/2018	17.21	T	Distance Protection
Dhule Sar'Sarovar I	InterState	13/04/2018	17.52		Continued.	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	12/04/2018	08.08		Continued.	PO	Cold Line Insulator Washing work
Girwali- Lonikand 2	IntraState	14/04/2018	06.14		Continued.	PO	Attending Hot Spot
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.
500 MVA ICT I @ Kudus	IntraState	11/04/2018	15.20		Continued.	PO	Rapid Restoration Scheme Checking Work.
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	13/04/2018	09.57	13/04/2018	18.34	PO	Testing Work
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)
Kharepatan -Pawas Line	IntraState	12/04/2018	14.05	13/04/2018	13.28	T	Distance Protection
Chalisgaon-Sayne	IntraState	13/04/2018	11.25	13/04/2018	15.00	PO	CT Oil Leakage Attending Work.
Padgha-Temghar-II	IntraState	13/04/2018	12.48	13/04/2018	13.12	T	Distance Protection
Padgha - Temghar I	IntraState	13/04/2018	12.48	13/04/2018	13.12	T	Distance Protection
Sadawaghapur Karad Ckt 2	IntraState	13/04/2018	13.10	13/04/2018	15.15	PO	Line Maintenance work
Mahad - Pedambe	IntraState	13/04/2018	13.13	13/04/2018	13.25	T	Distance Protection
Midc Chandrapur-Gadchandur	IntraState	13/04/2018	16.57	13/04/2018	17.50	T	Distance Protection
Chandrapur(MIDC)-Ballarshah II	IntraState	13/04/2018	17.16	13/04/2018	18.03	T	Distance Protection
Khadka-Chalisgaon-1	IntraState	13/04/2018	19.04	13/04/2018	19.20	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(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 200MVA ICT-I@ Tilawani	IntraState	13/04/2018	10.30	13/04/2018	18.20	PO	Gas Filling In HV Breaker.
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	13/04/2018	12.51	13/04/2018	13.15	PO	Attend CB Problem And Isolator Alignment.
220/132kv 100 Mva Imp Ict 1 @Limbala Midc Hingoli	IntraState	13/04/2018	13.37	13/04/2018	14.38	PO	LTS Installation Work.
220/132KV 100MVA ICT-II@Belwandi	IntraState	13/04/2018	14.36	13/04/2018	17.50	PO	Routine Maintenance Work
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	13/04/2018	17.06	13/04/2018	17.25	T	Backup Protection Operated O/C & E/F
132 KV LINE Outages/Trippings							

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 13/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 14/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chitegaon - Garware	IntraState	13/04/2018	09.36	13/04/2018	16.06	T	Distance Protection