

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/May/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.214	2041.497	1) Gujrat	-2.499	-55.053
2) Hydro	23.253	418.176	2) Madhya Pradesh	16.070	234.716
3) Gas	7.029	106.394	3) Chattisgarh	7.300	103.100
Total MSPGCL	183.496	2566.067	4) Maharashtra Net	132.490	1819.473
B) 1) APML	45.592	563.188	5) Goa (Amona)	-0.330	-6.336
2) JSWEL	27.882	389.646	Total	153.031	2095.900
3) VIPL	5.062	70.973	a) Mumbai Schedule	28.616	401.703
4) RPL(AMT)	13.318	220.621	b) Mumbai Drawl	32.576	420.637
5) WPCL	4.337	57.986	c) MSEDCL Bilateral *	45.522	590.399
6) PGPL	0.000	0.000	Include PX	10.417	105.978
7) Other IPP	10.151	140.511	d) Mumbai Bilateral *	28.536	401.623
C) 1) TPCL Thermal	16.541	233.334	Include PX	11.091	160.591
2) TPCL Hydro	6.252	69.401	Include Standby	0.080	0.080
3) TPCL Gas	2.362	38.877	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.929	163.494	1) MSEDCL	439.696	6046.611
D) STATE			2) Mumbai Discoms	69.660	925.727
1) Thermal	288.026	3881.250	TOTAL STATE	509.356	6972.338
(A1+C1+C4+(B1-B6))					
2) Hydro	29.505	487.577			
(A2+C2)					
3) Gas	9.391	145.271			
(A3+B6+C3)					
4) Wind	23.136	274.794			
6) SOLAR	6.267	87.562			
TOTAL STATE	356.325	4876.454			

* 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 17 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6450	6333	6352	6368
MSPGCL Hydro	763	1645	1116	609
MSPGCL Gas	286	295	299	295
MSPGCL Total Generation	7499	8273	7767	7272
Central Sector Receipt	7864	7714	5874	5352
WIND	663	932	1055	1228
CPP / IPP Thermal	4434	4431	4429	4359
CPP / IPP Gas	0	0	0	0
SOLAR	827	337	15	0
Exchange with Mumbai	-1708	-1633	-1318	-1055
MSEDCL DEMAND MET	19579	20054	17822	17156
Load Shedding	0	0	0	0
MSEDCL DEMAND	19579	20054	17822	17156
TPCL GENERATION	1196	1230	1233	784
R-INFRA GENERATION	497	498	495	499
MUMBAI DEMAND	3401	3361	3046	2338
STATE DEMAND MET	22980	23415	20868	19494
STATE DEMAND	22980	23415	20868	19494
Frequency (Hz)	49.96	49.98	50.04	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 02.02 Hrs	49.78 Hz at 14.26 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 14/May/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	9.98	117.81	450	344
Unit 9	10.62	121.06	501	401
Unit 10	10.66	116.01	510	400
Total	31.25	354.88		
Bhusawal				
Unit 3	4.05	61.32	195	160
Unit 4	10.58	146.78	470	400
Unit 5	10.73	146.94	480	420
Total	25.36	355.04		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.92	70.91	238	191
Unit 7	5.06	71.49	245	180
Unit 8	3.78	63.60	172	7
Total	13.76	206.01		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.08	136.61	465	380
Unit 6	0.00	0.00	0	0
Unit 7	9.86	90.71	450	366
Unit 8	8.30	133.94	380	320
Unit 9	8.33	133.69	385	315
Total	36.57	494.95		
Paras				
Unit 3	5.96	78.37	250	243
Unit 4	5.92	74.78	250	240
Total	11.88	153.15		
Khaparkheda				
Unit 1	3.50	51.19	160	120
Unit 2	3.90	54.12	185	140
Unit 3	4.00	54.92	197	155
Unit 4	3.71	54.42	170	149
Unit 5	10.59	142.46	500	410
Total	25.71	357.11		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.38	60.75	191	159
Unit 5	4.29	59.61	190	159
Total	8.68	120.36		
Uran				
All Units	7.03	106.39	306	284
Total	7.03	106.39		
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	0.64	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.64		
Koyna				
Stage 1-2	5.79	102.78	550	40
Stage 4	11.45	208.83	1000	190
Stage 3	3.76	67.96	240	80
Total	21.00	379.57		
Hydro				
KDPH	0.72	10.89	31	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.73	80	0
RNGR+BHTSA	0.27	3.86	12	11
BHANDARDRA	0.49	6.81	40	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	5.90	13	12
GHATGHAR	0.26	4.79	125	0
Total	2.26	38.61		
Wind				
Total	23.14	274.79	0	0
Total	23.14	274.79		
CPP				
APML(Mus)	45.59	563.19	0	0
JSWEL(Mus)	27.88	389.65	0	0
VIPL(Mus)	5.06	70.97	0	0
RPLAMT(Mus)	13.32	220.62	0	0
WPCL(Mus)	4.34	57.99	0	0
Other(Mus)	10.15	140.51	0	0
Total	106.34	1442.92		
SOLAR				
Total	6.27	87.56	0	0
Total	6.27	87.56		
Tata				
Trombay 5	10.86	154.86	483	429
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.31	22.39	56	53
Trombay 7B	1.05	16.48	44	42
Trombay 8	5.68	78.47	243	230
TATA Hydro	6.25	69.40	459	49
Total	25.16	341.61		
R-INFRA				
DTPS U-1&2	11.93	163.49	500	494
Total	11.93	163.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.21	2041.50	MSPGCL Total	183.50	2566.07
			MSPGCL Thml+Gas	160.24	2147.89	Koyna 1,2 & 4 Total	17.24	311.61
			MSPGCL Hydro	23.25	418.18	State Total	356.32	4876.45

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/May/2018

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	6255	985	294	7534	1307	4440	0	0	5428	5586	-1377	17490	0	17490	2808	20298	50.01
2	6379	1139	285	7803	1316	4438	0	0	5373	5381	-1251	17687	0	17687	2617	20304	50.04
3	6381	986	286	7653	1328	4406	0	0	5325	5249	-1110	17526	0	17526	2450	19976	50.08
4	6368	609	295	7272	1228	4359	0	0	5313	5352	-1055	17156	0	17156	2338	19494	50.04
5	6373	806	286	7465	1333	4365	0	0	5346	5154	-989	17328	0	17328	2267	19595	50.01
6	6340	530	284	7154	1308	4348	0	4	6042	5836	-1009	17641	0	17641	2284	19925	50.00
7	6476	527	306	7309	1116	4400	0	51	6380	6316	-983	18209	0	18209	2268	20477	50.05
8	6571	635	305	7511	862	4410	0	219	6283	6156	-1052	18106	0	18106	2379	20485	50.08
9	6525	496	302	7323	750	4364	0	440	6479	6251	-1355	17773	0	17773	2682	20455	50.02
10	6514	910	300	7724	698	4357	0	632	6674	6569	-1572	18408	0	18408	3049	21457	49.99
11	6586	733	289	7608	664	4410	0	776	6869	7021	-1725	18754	0	18754	3323	22077	49.97
12	6450	763	286	7499	663	4434	0	827	7590	7864	-1708	19579	0	19579	3401	22980	49.96
13	6363	769	285	7417	610	4435	0	835	7833	8001	-1623	19675	0	19675	3384	23059	49.91
14	6345	934	284	7563	635	4442	0	807	7493	7782	-1566	19663	0	19663	3307	22970	49.94
15	6349	1203	284	7836	696	4433	0	669	7637	7981	-1609	20006	0	20006	3360	23366	49.89
16	6357	1553	285	8195	776	4419	0	519	7700	7698	-1692	19915	0	19915	3423	23338	49.93
17	6333	1645	295	8273	932	4431	0	337	7658	7714	-1633	20054	0	20054	3361	23415	49.98
18	6319	1388	289	7996	912	4446	0	136	7061	7032	-1515	19007	0	19007	3242	22249	50.01
19	6352	1116	299	7767	1055	4429	0	15	5957	5874	-1318	17822	0	17822	3046	20868	50.04
20	6314	1205	292	7811	899	4499	0	0	5672	5730	-1280	17659	0	17659	3016	20675	49.97
21	6390	1240	301	7931	1020	4552	0	0	5463	5269	-1231	17541	0	17541	2948	20489	49.95
22	6367	736	302	7405	911	4524	0	0	5444	5866	-1222	17484	0	17484	2874	20358	49.95
23	6320	1141	292	7753	1060	4505	0	0	5362	5616	-1300	17634	0	17634	2893	20527	49.95
24	6187	1204	303	7694	1057	4489	0	0	5509	5733	-1401	17572	0	17572	2940	20512	49.96
MUs	153.21	23.25	7.03	183.50	23.14	106.34	0.00	6.27	151.89	153.03	-32.58	439.70	0.00	439.70	69.66	509.36	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 14/May/2018

Position as on 6.30 Hrs of 15/May/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 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	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
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 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Parli Unit 8	250	13/05/2018	19.54	14/05/2018	00.53	Drum level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2018

Statement-VII

Position as on 6.30 Hrs of 15/May/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							
Chandrapur - Padghe HvdC Pole 2	IntraState	14/05/2018	16.29	14/05/2018	20.25	T	reduced voltage.
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	11/05/2018	18.52	14/05/2018	09.18	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/05/2018	18.11	15/05/2018	06.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/05/2018	20.37	14/05/2018	07.27	HT	Over Voltage
Lonikand2-Lonikand1 (Intrconector)	IntraState	14/05/2018	10.17	14/05/2018	18.08	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	14/05/2018	19.42	15/05/2018	06.25	HT	Over Voltage
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.
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.
Nasik Navsari II	InterState	14/05/2018	11.28	14/05/2018	11.50	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.
Butibori-Abhijeet	IntraState	14/05/2018	10.55	14/05/2018	13.36	T	Distance Protection
Butibori-Butibori Rly Tss	IntraState	14/05/2018	10.55	14/05/2018	12.07	T	Distance Protection
Koradi-Butibori Rly Tss	IntraState	14/05/2018	10.55	14/05/2018	12.07	T	Distance Protection
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39		Continued.	PO	insulator replacement work.
Gangapur-Valve	IntraState	14/05/2018	12.26	14/05/2018	17.12	PO	DIGONOSTIC TESTING WORK.
Talandge(400)- Mudshingi 2 Line	IntraState	14/05/2018	15.22	14/05/2018	17.42	PO	Quarterly Maintainance Work
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)
220/132 kv 200MVA ICT II @ Girwali	IntraState	14/05/2018	12.51	14/05/2018	14.15	PO	CTR INDICATION ATTENDING WORK.
132 KV LINE Outages/Trippings							
Kandhar -Mukhed	IntraState	12/05/2018	15.30	14/05/2018	12.05	PO	CKT FAULTY INDICATION RECEIVED.

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