

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/May/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.988	1744.267	1) Gujrat	-1.915	-50.292
2) Hydro	17.089	371.990	2) Madhya Pradesh	13.600	203.277
3) Gas	6.852	92.245	3) Chattisgarh	6.640	89.040
Total MSPGCL	167.929	2208.502	4) Maharashtra Net	128.594	1554.740
B) 1) APML	45.221	471.654	5) Goa (Amona)	-0.528	-5.808
2) JSWEL	27.227	334.520	Total	146.391	1790.957
3) VIPL	5.065	60.843	a) Mumbai Schedule	30.171	346.019
4) RPL(AMT)	13.343	193.977	b) Mumbai Drawl	28.937	360.842
5) WPCL	4.289	49.770	c) MSEDCL Bilateral *	46.967	501.760
6) PGPL	0.000	0.000	Include PX	10.812	87.354
7) Other IPP	10.051	121.103	d) Mumbai Bilateral *	30.171	346.019
C) 1) TPCL Thermal	16.503	200.535	Include PX	10.953	137.712
2) TPCL Hydro	5.666	62.022	Include Standby	0.000	0.000
3) TPCL Gas	2.544	34.080	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.681	139.728	1) MSEDCL	427.977	5181.062
D) STATE			2) Mumbai Discoms	65.322	797.191
1) Thermal	277.368	3316.397	TOTAL STATE	493.299	5978.253
(A1+C1+C4+(B1-B6))					
2) Hydro	22.755	434.012			
(A2+C2)					
3) Gas	9.396	126.325			
(A3+B6+C3)					
4) Wind	31.414	235.113			
6) SOLAR	5.984	75.465			
TOTAL STATE	346.917	4187.312			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6116	5705	5998	6107
MSPGCL Hydro	696	1446	641	649
MSPGCL Gas	268	276	311	295
MSPGCL Total Generation	7080	7427	6950	7051
Central Sector Receipt	6781	7393	5426	4935
WIND	871	899	1494	1929
CPP / IPP Thermal	4401	4356	4417	4329
CPP / IPP Gas	0	0	0	0
SOLAR	794	492	0	0
Exchange with Mumbai	-1374	-1353	-1174	-988
MSEDCL DEMAND MET	18553	19214	17113	17256
Load Shedding	0	0	0	0
MSEDCL DEMAND	18553	19214	17113	17256
TPCL GENERATION	1165	1225	1177	891
R-INFRA GENERATION	498	496	495	496
MUMBAI DEMAND	3037	3074	2846	2375
STATE DEMAND MET	21590	22288	19959	19631
STATE DEMAND	21590	22288	19959	19631
Frequency (Hz)	49.97	49.89	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18.02 Hrs	49.71 Hz at 00.09 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 12/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	10.60	97.75	519	393
Unit 9	11.28	99.56	570	400
Unit 10	10.96	96.21	500	400
Total	32.83	293.51		
Bhusawal				
Unit 3	4.40	52.70	200	160
Unit 4	8.40	128.36	485	225
Unit 5	8.18	132.51	475	225
Total	20.98	313.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	60.28	246	199
Unit 7	5.39	60.76	248	187
Unit 8	5.44	55.85	235	205
Total	16.29	176.90		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	118.95	0	0
Unit 6	0.00	0.00	0	0
Unit 7	10.45	70.15	450	396
Unit 8	8.40	117.90	390	325
Unit 9	8.33	117.42	381	315
Total	27.18	424.42		
Paras				
Unit 3	5.93	66.56	250	238
Unit 4	5.92	63.07	250	225
Total	11.85	129.64		
Khaparkheda				
Unit 1	3.62	43.98	162	120
Unit 2	4.16	45.92	185	155
Unit 3	3.75	46.54	176	135
Unit 4	4.01	46.44	185	153
Unit 5	10.69	120.62	500	380
Total	26.24	303.50		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.34	51.85	193	158
Unit 5	4.28	50.88	192	161
Total	8.61	102.73		
Uran				
All Units	6.85	92.24	311	267
Total	6.85	92.24		
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	4.40	90.39	530	40
Stage 4	7.47	186.91	750	0
Stage 3	2.66	60.18	160	0
Total	14.53	337.48		
Hydro				
KDPH	0.74	9.43	31	31
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.	0.40	3.29	80	0
RNGR+BHTSA	0.28	3.31	12	11
BHANDARDRA	0.49	5.82	44	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	5.50	24	13
GHATGHAR	0.26	4.53	125	0
Total	2.56	34.51		
Wind				
Total	31.41	235.11	0	0
Total	31.41	235.11		
CPP				
APML(Mus)	45.22	471.65	0	0
JSWEL(Mus)	27.23	334.52	0	0
VIPL(Mus)	5.06	60.84	0	0
RPLAMT(Mus)	13.34	193.98	0	0
WPCL(Mus)	4.29	49.77	0	0
Other(Mus)	10.05	121.10	0	0
Total	105.20	1231.87		
SOLAR				
Total	5.98	75.46	0	0
Total	5.98	75.46		
Tata				
Trombay 5	10.82	133.35	485	327
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	19.72	70	56
Trombay 7B	1.12	14.36	52	45
Trombay 8	5.69	67.18	243	214
TATA Hydro	5.67	62.02	442	15
Total	24.71	296.64		
R-INFRA				
DTPS U-1&2	11.68	139.73	499	377
Total	11.68	139.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.99	1744.27	MSPGCL Total	167.93	2208.50
			MSPGCL Thml+Gas	150.84	1836.51	Koyna 1,2 & 4 Total	11.87	277.30
			MSPGCL Hydro	17.09	371.99	State Total	346.92	4187.31

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	6186	1165	284	7635	1892	4307	0	0	5321	5247	-1310	17771	0	17771	2850	20621	49.95
2	6140	974	284	7398	1864	4450	0	0	5187	5076	-1183	17605	0	17605	2655	20260	49.98
3	6099	810	275	7184	2008	4458	0	0	5077	5031	-1112	17569	0	17569	2491	20060	49.97
4	6107	649	295	7051	1929	4329	0	0	5077	4935	-988	17256	0	17256	2375	19631	49.99
5	6128	502	286	6916	1915	4393	0	0	5029	5053	-916	17361	0	17361	2301	19662	49.97
6	6101	361	276	6738	1785	4349	0	0	5658	5775	-897	17750	0	17750	2288	20038	49.96
7	6096	235	288	6619	1504	4377	0	41	6261	6514	-874	18181	0	18181	2227	20408	49.99
8	6018	194	295	6507	1356	4398	0	193	6246	6357	-901	17910	0	17910	2266	20176	50.02
9	6123	146	283	6552	1443	4332	0	449	6238	6353	-1174	17955	0	17955	2423	20378	50.02
10	6162	161	271	6594	1233	4315	0	574	6310	6295	-1530	17481	0	17481	2664	20145	50.03
11	6147	410	280	6837	961	4360	0	765	6495	6420	-1660	17683	0	17683	2910	20593	49.97
12	6116	696	268	7080	871	4401	0	794	7080	6781	-1374	18553	0	18553	3037	21590	49.97
13	6066	686	277	7029	719	4396	0	830	7345	7371	-1322	19023	0	19023	3044	22067	49.92
14	6021	755	267	7043	638	4364	0	761	7116	7359	-1253	18912	0	18912	2965	21877	49.91
15	5864	1133	277	7274	660	4375	0	640	7219	7167	-1303	18813	0	18813	3032	21845	49.91
16	5705	1446	276	7427	899	4356	0	492	7333	7393	-1353	19214	0	19214	3074	22288	49.89
17	5665	1487	269	7421	1019	4365	0	311	7301	7232	-1310	19038	0	19038	3010	22048	49.98
18	5742	995	295	7032	1249	4349	0	118	6668	6683	-1209	18222	0	18222	2904	21126	50.01
19	6022	551	309	6882	1593	4366	0	16	5469	5430	-1205	17082	0	17082	2811	19893	50.01
20	5998	641	311	6950	1494	4417	0	0	5282	5426	-1174	17113	0	17113	2846	19959	50.01
21	6037	447	291	6775	1004	4433	0	0	5305	5422	-1217	16417	0	16417	2824	19241	49.98
22	6012	591	301	6904	1082	4431	0	0	5319	5496	-1189	16724	0	16724	2764	19488	49.92
23	5720	1058	291	7069	1144	4439	0	0	5305	5646	-1198	17100	0	17100	2768	19868	49.88
24	5713	996	303	7012	1152	4429	0	0	5613	5929	-1285	17237	0	17237	2802	20039	49.91
MUs	143.99	17.09	6.85	167.93	31.41	105.20	0.00	5.98	145.25	146.39	-28.94	427.98	0.00	427.98	65.33	493.31	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 12/May/2018

Position as on 6.30 Hrs of 13/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	
IPP	Adani U-2	660	02/01/2018	15.26	12/05/2018	02.10	HPBP Bonnet leakage	
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 6	108	07/05/2018	00.56	12/05/2018	16.56	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	11/05/2018	22.15	13/05/2018	05.40	Water 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	Bhusawal Unit 5	500	13/05/2018	00.08	13/05/2018	06.27	Flame Failure	
MSPGCL	Bhusawal Unit 5	500	13/05/2018	12.43	13/05/2018	16.00	boiler feed pump.	
MSPGCL	Parli Unit 8	250	13/05/2018	19.54		Continued.	Drum level high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/May/2018

Statement-VII

Position as on 6.30 Hrs of 13/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	11/05/2018	21.37	12/05/2018	08.22	PO	Replacement of Broken Disc
HVDC Pole-I	IntraState	12/05/2018	21.49	13/05/2018	06.53	PO	Line 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 II	InterState	11/05/2018	18.52		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	12/05/2018	11.04	12/05/2018	16.58	PO	Hill Cutting Work.
Khadka-Aurangabad (Waluj)	IntraState	11/05/2018	18.57	12/05/2018	10.37	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	12/05/2018	10.49	12/05/2018	20.08	EO	Attending Hot Spot
Koradi-India Bulls	IntraState	12/05/2018	13.41	12/05/2018	16.42	T	Distance Protection
New Koyna - Dabhol-I	IntraState	12/05/2018	14.43	12/05/2018	21.49	T	D T Received.
Khadka-Aurangabad (Waluj)	IntraState	12/05/2018	20.37		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	13/05/2018	07.08	13/05/2018	11.36	EO	fixing of corona ring.
Nagothane - Dabhol-II	IntraState	13/05/2018	07.36	13/05/2018	19.51	PO	hill cutting.
Koradi-India Bulls	IntraState	13/05/2018	10.05	13/05/2018	15.45	PO	to attend breaker close/open problem.
Girwali- Lonikand 2	IntraState	13/05/2018	11.40	13/05/2018	13.18	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.
400/220KV 315MVA ICT-II @Akola	IntraState	13/05/2018	10.10	13/05/2018	10.20	PO	hv side isolator tightening 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.
Sonkhar - Trombay	IntraState	12/05/2018	06.23	13/05/2018	22.36	PO	Conductor Replacement Work.
Babhaleshwar - Degaon Rangari	IntraState	12/05/2018	08.05	12/05/2018	14.27	PO	Testing Work
Pedambe-Nerle	IntraState	12/05/2018	08.10	12/05/2018	17.39	PO	Replacement Of Faulty Disk Insulator.
220KV Chalisagaon-Kopergaon	IntraState	12/05/2018	08.36	12/05/2018	16.26	PO	Routine Maintenance Work
Jambhul - Pal	IntraState	12/05/2018	09.05	12/05/2018	13.35	EO	Attending Hot Spot
Koradi - Kawlewada II	IntraState	12/05/2018	17.28	12/05/2018	19.35	T	Distance Protection
Badnera-Akola li	IntraState	12/05/2018	20.33	12/05/2018	21.50	T	Attending Heavy Sparking On Isolator.
Pophali - Nerale	IntraState	13/05/2018	10.00	13/05/2018	18.40	PO	Routine Maintenance Work
Ghatghar - Jindal	IntraState	13/05/2018	10.14	13/05/2018	15.10	PO	Routine Maintenance Work
Pirangut - Hinjawadi 2	IntraState	13/05/2018	17.30	13/05/2018	22.30	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)
220/100 Kv 200 Mva Alstom Ict 2 @Apta	IntraState	12/05/2018	09.00	12/05/2018	17.50	PO	Testing Work
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 12/May/2018

Statement-VII

Position as on 6.30 Hrs of 13/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandhar -Mukhed	IntraState	12/05/2018	15.30		Continued.	PO	CKT FAULTY INDICATION RECEIVED.
Kaulewada-Gondia-li	IntraState	12/05/2018	17.28	12/05/2018	18.55	T	Distance Protection
Kaulewada-Madgi-I	IntraState	12/05/2018	17.28	12/05/2018	18.19	T	Distance Protection
Kaulewada-Kachewanirlytss1	IntraState	12/05/2018	17.28	12/05/2018	18.14	T	Distance Protection
Ambazari-Hingna 1	IntraState	12/05/2018	18.08	12/05/2018	19.34	T	Distance Protection
Amravati-Akola	IntraState	12/05/2018	19.02	13/05/2018	14.40	T	Distance Protection
Midc Akola-Durgwada	IntraState	13/05/2018	12.32	13/05/2018	14.05	T	Distance Protection
Akola-Midc Akola	IntraState	13/05/2018	12.32	13/05/2018	13.09	T	Distance Protection