

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.189	345.676	1) Gujrat	-0.045	-1.441
2) Hydro	4.843	15.357	2) Madhya Pradesh	12.503	38.860
3) Gas	10.335	27.405	3) Chattisgarh	7.600	22.950
Total MSPGCL	128.367	388.438	4) Maharashtra Net	126.025	384.509
B) 1) APML	38.380	108.151	5) Goa (Amona)	-0.770	-2.574
2) JSWEL	14.549	40.821	Total	145.313	442.304
3) VIPL	11.473	37.200	a) Mumbai Schedule	19.332	67.928
4) RPL(AMT)	10.288	33.420	b) Mumbai Drawl	23.837	73.426
5) WPCL	4.100	12.671	c) MSEDCL Bilateral *	46.473	132.735
6) PGPL	0.000	0.000	Include PX	13.165	41.921
7) Other IPP	12.372	36.711	d) Mumbai Bilateral *	19.332	67.928
C) 1) TPCL Thermal	7.364	26.265	Include PX	0.988	6.431
2) TPCL Hydro	2.773	12.228	Include Standby	0.000	0.000
3) TPCL Gas	4.002	11.433	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.308	30.425	1) MSEDCL	356.930	1077.244
D) STATE			2) Mumbai Discoms	47.284	153.777
1) Thermal	221.023	671.340	TOTAL STATE	404.214	1231.021
(A1+C1+C4+(B1-B6))					
2) Hydro	7.616	27.585			
(A2+C2)					
3) Gas	14.337	38.838			
(A3+B6+C3)					
4) Wind	13.096	42.165			
6) SOLAR	2.829	8.789			
TOTAL STATE	258.901	788.717			

* 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 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5081	5127	4732	4320
MSPGCL Hydro	319	197	337	66
MSPGCL Gas	420	416	395	441
MSPGCL Total Generation	5820	5740	5464	4827
Central Sector Receipt	7659	7294	6590	3995
WIND	313	236	269	774
CPP / IPP Thermal	4338	4398	3701	3467
CPP / IPP Gas	0	0	0	0
SOLAR	449	428	0	0
Exchange with Mumbai	-1012	-928	-1162	-1183
MSEDCL DEMAND MET	17567	17167	14862	11880
Load Shedding	0	0	0	0
MSEDCL DEMAND	17567	17167	14862	11880
TPCL GENERATION	682	696	687	493
R-INFRA GENERATION	451	503	374	377
MUMBAI DEMAND	2145	2127	2223	2053
STATE DEMAND MET	19712	19294	17085	13933
STATE DEMAND	19712	19294	17085	13933
Frequency (Hz)	49.96	49.92	49.99	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 21.58 Hrs	49.76 Hz at 12.45 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 03/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.70	11.21	170	140
Unit 8	9.66	15.62	515	340
Unit 9	10.38	33.49	567	344
Unit 10	0.00	0.00	0	0
Total	23.73	60.32		
Bhusawal				
Unit 3	3.72	11.68	180	150
Unit 4	0.00	8.56	0	0
Unit 5	9.24	26.97	465	345
Total	12.97	47.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.48	13.44	194	180
Unit 7	4.29	12.88	187	110
Unit 8	4.12	12.29	176	165
Total	12.88	38.61		
Chandrapur				
Unit 3	0.13	8.28	85	0
Unit 4	2.14	10.22	179	0
Unit 5	0.00	0.00	0	0
Unit 6	8.72	26.82	395	332
Unit 7	9.35	28.98	453	336
Unit 8	10.15	30.06	452	345
Unit 9	10.13	30.21	458	346
Total	40.62	134.56		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	2.39	2.39	237	0
Total	2.39	2.39		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.66	11.39	170	145
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.13	27.23	420	349
Total	12.79	38.62		
Nasik				
Unit 3	3.87	11.91	176	155
Unit 4	3.93	12.05	181	156
Unit 5	0.00	0.00	0	0
Total	7.80	23.96		
Uran				
All Units	10.34	27.40	445	395
Total	10.34	27.40		
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)	0.16	0.28	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	0.28		
Koyna				
Stage 1-2	2.46	5.89	350	40
Stage 4	0.00	0.52	0	0
Stage 3	0.08	1.39	44	0
Total	2.53	7.80		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.37	1.10	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.77	80	0
RNGR+BHTSA	0.40	1.19	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	1.24	11	10
GHATGHAR	1.15	3.25	125	0
Total	2.31	7.55		
Wind				
Total	13.10	42.16	0	0
Total	13.10	42.16		
CPP				
APML(Mus)	38.38	108.15	0	0
JSWEL(Mus)	14.55	40.82	0	0
VIPL(Mus)	11.47	37.20	0	0
RPLAMT(Mus)	10.29	33.42	0	0
WPCL(Mus)	4.10	12.67	0	0
Other(Mus)	12.37	36.71	0	0
Total	91.16	268.97		
SOLAR				
Total	2.83	8.79	0	0
Total	2.83	8.79		
Tata				
Trombay 5	7.36	26.26	309	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	7.01	117	73
Trombay 7B	1.52	4.42	69	55
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.77	12.23	250	0
Total	14.14	49.93		
R-INFRA				
DTPS U-1&2	9.31	30.42	503	374
Total	9.31	30.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.19	345.68	MSPGCL Total	128.37	388.44
			MSPGCL Thml+Gas	123.52	373.08	Koyna 1,2 & 4 Total	2.46	6.41
			MSPGCL Hydro	4.84	15.36	State Total	258.90	788.72

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Dec/2017

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	4373	83	444	4900	741	3105	0	0	4401	4564	-1070	12240	0	12240	1885	14125	49.98
2	4304	73	444	4821	681	3252	0	0	4710	4913	-922	12745	0	12745	1739	14484	50.00
3	4402	68	445	4915	670	3363	0	0	5135	5122	-829	13241	0	13241	1647	14888	50.00
4	4433	83	443	4959	775	3435	0	0	5215	5149	-767	13551	0	13551	1588	15139	50.01
5	4446	68	433	4947	865	3556	0	0	5198	5425	-719	14074	0	14074	1592	15666	49.98
6	4797	73	444	5314	902	3934	0	0	5785	5282	-805	14627	0	14627	1683	16310	50.02
7	4583	98	444	5125	914	3737	0	3	6309	6253	-849	15183	0	15183	1788	16971	49.97
8	4422	363	444	5229	883	3658	0	60	6423	6879	-879	15830	0	15830	1900	17730	49.95
9	4576	529	443	5548	773	3673	0	198	6287	6698	-932	15958	0	15958	2009	17967	49.89
10	4902	610	428	5940	667	3908	0	302	6093	6322	-967	16172	0	16172	1990	18162	49.93
11	4986	308	421	5715	496	4189	0	401	7111	7058	-1066	16793	0	16793	2090	18883	49.93
12	5081	319	420	5820	313	4338	0	449	7422	7659	-1012	17567	0	17567	2145	19712	49.96
13	5127	197	416	5740	236	4398	0	428	7403	7294	-928	17167	0	17167	2127	19294	49.92
14	5082	201	416	5699	215	4401	0	391	7348	7233	-940	17000	0	17000	2065	19065	50.00
15	5104	191	415	5710	159	4401	0	303	7247	7274	-1004	16843	0	16843	2015	18858	50.04
16	5181	211	414	5806	128	4387	0	197	7282	7324	-981	16861	0	16861	1991	18852	50.01
17	5184	106	427	5717	150	4237	0	87	7205	7202	-989	16404	0	16404	1987	18391	49.95
18	4958	110	409	5477	177	3959	0	10	6735	6671	-1031	15263	0	15263	2034	17297	49.96
19	4732	337	395	5464	269	3701	0	0	6174	6590	-1162	14862	0	14862	2223	17085	49.99
20	4708	331	437	5476	445	3674	0	0	5618	5752	-1187	14160	0	14160	2227	16387	50.00
21	4537	171	430	5138	536	3526	0	0	5375	5321	-1231	13289	0	13289	2209	15498	50.05
22	4501	161	441	5103	603	3407	0	0	4582	5008	-1204	12917	0	12917	2172	15089	50.07
23	4450	86	441	4977	724	3457	0	0	4594	4325	-1180	12302	0	12302	2125	14427	50.06
24	4320	66	441	4827	774	3467	0	0	4064	3995	-1183	11880	0	11880	2053	13933	49.99
MUs	113.19	4.84	10.33	128.37	13.10	91.16	0.00	2.83	143.72	145.31	-23.84	356.93	0.00	356.93	47.28	404.21	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 03/Dec/2017

Position as on 6.30 Hrs of 04/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
TPC_G	Trombay 8	250	18/11/2017	19.40		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure, withdrawn due to coal shortage since 20.11.2017 at 11:00Hrs	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40		Continued.	Due to heavy leakage in seal air duct.	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	
MSPGCL	Koradi Unit 10	660	29/11/2017	05.00		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Dec/2017

Position as on 6.30 Hrs of 04/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	30/11/2017	00.01	03/12/2017	10.58	BUNKERING PROBLEM	
IPP	JSW (J) U4	300	30/11/2017	07.16		Continued.	Turbine Vibration Problem	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Bhusawal Unit 4	500	02/12/2017	01.12	04/12/2017	02.06	Boiler Tube Leakage	
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	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
MSPGCL	Bhusawal Unit 5	500	04/12/2017	06.22		Continued.	Coal mill problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2017

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	26/11/2017	06.35	03/12/2017	21.13	PO	Routine Maintenance Work
Chandrapur - Padghe Hvdc Pole 1	IntraState	01/12/2017	13.21	03/12/2017	21.12	PO	Annual 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
karad -kolhapur-I	IntraState	02/12/2017	17.05	03/12/2017	10.48	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	02/12/2017	17.08	03/12/2017	10.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/12/2017	18.07	03/12/2017	10.52	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/12/2017	17.31	04/12/2017	06.50	HT	Over Voltage
karad -kolhapur-II	IntraState	03/12/2017	17.32		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/12/2017	17.33		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/12/2017	20.21	04/12/2017	06.44	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	02/12/2017	10.02	03/12/2017	23.04	PO	Testing Work
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	03/12/2017	06.18	03/12/2017	19.52	PO	Replacement of Isolator 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.
Boisar(MS) - Boisar (PG) II	InterState	03/12/2017	09.35	03/12/2017	11.56	PO	LA Replacement.
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 RY phase fault.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
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 Trombay	IntraState	03/12/2017	06.44	03/12/2017	17.44	PO	Shifting Of Bunching To Reduce Line Length.
New Koyna - Niwali	IntraState	03/12/2017	09.25	03/12/2017	17.54	PO	Isolator Cleaning Work.
Kalwa - Mulund 1	IntraState	03/12/2017	10.10	03/12/2017	14.27	EO	Attending Oil Leakages of CT.
Kharghar-Borivali ckt I	IntraState	03/12/2017	15.17	03/12/2017	17.13	PO	Line Maintenance 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(Now repaired and ready for commissioning)
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.

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