

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Dec/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.106	457.782	1) Gujrat	-0.967	-2.408
2) Hydro	4.065	19.422	2) Madhya Pradesh	11.110	49.970
3) Gas	10.412	37.817	3) Chattisgarh	6.870	29.820
Total MSPGCL	126.583	515.021	4) Maharashtra Net	127.879	512.388
B) 1) APML	40.839	148.990	5) Goa (Amona)	-0.726	-3.300
2) JSWEL	15.826	56.647	Total	144.166	586.470
3) VIPL	12.711	49.911	a) Mumbai Schedule	26.707	94.635
4) RPL(AMT)	11.367	44.787	b) Mumbai Drawl	27.013	100.439
5) WPCL	3.868	16.539	c) MSEDCL Bilateral *	39.584	172.319
6) PGPL	0.000	0.000	Include PX	11.333	53.254
7) Other IPP	12.324	49.035	d) Mumbai Bilateral *	26.707	94.635
C) 1) TPCL Thermal	8.722	34.987	Include PX	3.343	9.774
2) TPCL Hydro	6.193	18.421	Include Standby	0.000	0.000
3) TPCL Gas	4.274	15.707	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.100	40.525	1) MSEDCL	358.464	1435.708
D) STATE			2) Mumbai Discoms	56.302	210.079
1) Thermal	227.863	899.203	TOTAL STATE	414.766	1645.787
(A1+C1+C4+(B1-B6))					
2) Hydro	10.258	37.843			
(A2+C2)					
3) Gas	14.686	53.524			
(A3+B6+C3)					
4) Wind	15.230	57.395			
6) SOLAR	2.563	11.352			
TOTAL STATE	270.600	1059.317			

* 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	5166	5108	4970	3950
MSPGCL Hydro	379	272	409	73
MSPGCL Gas	416	416	432	439
MSPGCL Total Generation	5961	5796	5811	4462
Central Sector Receipt	7494	7489	5844	3799
WIND	349	325	575	943
CPP / IPP Thermal	4477	4466	4446	3443
CPP / IPP Gas	0	0	0	0
SOLAR	445	445	0	0
Exchange with Mumbai	-1300	-1264	-1434	-1016
MSEDCL DEMAND MET	17426	17257	15242	11631
Load Shedding	0	0	0	0
MSEDCL DEMAND	17426	17257	15242	11631
TPCL GENERATION	1123	1107	955	602
R-INFRA GENERATION	504	504	424	377
MUMBAI DEMAND	2927	2875	2813	1995
STATE DEMAND MET	20353	20132	18055	13626
STATE DEMAND	20353	20132	18055	13626
Frequency (Hz)	49.92	49.89	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 22.00 Hrs	49.71 Hz at 12.11 Hrs	49.97	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 04/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.69	14.90	170	144
Unit 8	8.73	24.35	435	187
Unit 9	11.40	44.89	571	342
Unit 10	0.00	0.00	0	0
Total	23.82	84.14		
Bhusawal				
Unit 3	3.90	15.58	180	145
Unit 4	8.32	16.89	480	0
Unit 5	2.03	29.00	350	0
Total	14.25	61.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.58	18.02	250	182
Unit 7	0.00	12.88	0	0
Unit 8	4.01	16.30	174	158
Total	8.59	47.20		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	0.00	0.00	0	0
Unit 6	8.83	35.65	390	332
Unit 7	9.80	38.78	465	344
Unit 8	9.79	39.85	453	340
Unit 9	9.91	40.12	457	345
Total	38.33	172.89		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	7.74	251	180
Total	5.36	7.74		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.84	15.23	170	155
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.69	36.92	480	350
Total	13.53	52.15		
Nasik				
Unit 3	4.11	16.02	203	155
Unit 4	4.12	16.17	195	155
Unit 5	0.00	0.00	0	0
Total	8.23	32.19		
Uran				
All Units	10.41	37.82	461	412
Total	10.41	37.82		
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)	0.06	0.34	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.34		
Koyna				
Stage 1-2	1.86	7.75	290	40
Stage 4	0.00	0.52	0	0
Stage 3	0.53	1.92	80	0
Total	2.39	10.19		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.38	1.48	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	0.99	80	0
RNGR+BHTSA	0.38	1.57	16	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.27	1.51	12	11
GHATGHAR	0.43	3.68	125	0
Total	1.68	9.23		
Wind				
Total	15.23	57.40	0	0
Total	15.23	57.40		
CPP				
APML(Mus)	40.84	148.99	0	0
JSWEL(Mus)	15.83	56.65	0	0
VIPL(Mus)	12.71	49.91	0	0
RPLAMT(Mus)	11.37	44.79	0	0
WPCL(Mus)	3.87	16.54	0	0
Other(Mus)	12.32	49.04	0	0
Total	96.94	365.91		
SOLAR				
Total	2.56	11.35	0	0
Total	2.56	11.35		
Tata				
Trombay 5	8.72	34.99	488	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	9.70	117	90
Trombay 7B	1.58	6.01	68	59
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.19	18.42	459	72
Total	19.19	69.12		
R-INFRA				
DTPS U-1&2	10.10	40.52	505	375
Total	10.10	40.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.11	457.78	MSPGCL Total	126.58	515.02
			MSPGCL Thml+Gas	122.52	495.60	Koyna 1,2 & 4 Total	1.86	8.27
			MSPGCL Hydro	4.06	19.42	State Total	270.60	1059.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4136	72	433	4641	885	3463	0	0	4184	4148	-1048	12089	0	12089	1914	14003	50.06
2	4140	67	442	4649	801	3462	0	0	4411	4311	-902	12321	0	12321	1768	14089	50.01
3	4194	72	441	4707	763	3473	0	0	4770	4868	-799	13012	0	13012	1668	14680	50.03
4	4293	87	439	4819	681	3472	0	0	4893	4970	-749	13193	0	13193	1616	14809	50.00
5	4315	67	430	4812	820	3471	0	0	5286	5355	-676	13782	0	13782	1615	15397	49.98
6	4628	125	441	5194	848	3634	0	0	5586	5524	-789	14411	0	14411	1734	16145	49.95
7	4892	172	443	5507	813	4146	0	1	5892	6038	-881	15624	0	15624	1906	17530	49.93
8	4937	267	444	5648	790	4370	0	45	6412	6536	-973	16416	0	16416	2075	18491	49.99
9	4941	168	443	5552	712	4491	0	162	6458	6597	-1129	16385	0	16385	2370	18755	49.98
10	5015	319	428	5762	642	4478	0	270	6224	6343	-1206	16289	0	16289	2666	18955	49.93
11	5215	237	423	5875	531	4495	0	393	6850	6893	-1279	16908	0	16908	2872	19780	49.91
12	5166	379	416	5961	349	4477	0	445	7534	7494	-1300	17426	0	17426	2927	20353	49.92
13	5108	272	416	5796	325	4466	0	445	7546	7489	-1264	17257	0	17257	2875	20132	49.89
14	5132	192	414	5738	280	4459	0	336	7496	7695	-1225	17283	0	17283	2778	20061	49.94
15	5145	202	412	5759	305	4457	0	226	7726	7589	-1216	17120	0	17120	2806	19926	49.90
16	5116	128	415	5659	328	4478	0	165	7802	7821	-1271	17180	0	17180	2800	19980	49.94
17	5000	87	416	5503	347	4466	0	68	7655	7617	-1415	16586	0	16586	2773	19359	49.95
18	4954	207	432	5593	332	4606	0	7	6600	6938	-1451	16025	0	16025	2784	18809	49.94
19	4970	409	432	5811	575	4446	0	0	6053	5844	-1434	15242	0	15242	2813	18055	50.02
20	4477	189	457	5123	677	4081	0	0	5885	5767	-1404	14244	0	14244	2647	16891	50.00
21	4208	134	446	4788	745	3685	0	0	5462	5225	-1207	13236	0	13236	2466	15702	50.01
22	4101	67	449	4617	901	3474	0	0	5238	5062	-1226	12828	0	12828	2289	15117	50.04
23	4073	73	461	4607	837	3441	0	0	4739	4243	-1153	11975	0	11975	2145	14120	50.02
24	3950	73	439	4462	943	3443	0	0	3952	3799	-1016	11631	0	11631	1995	13626	49.99
MUs	112.1 1	4.07	10.41	126.58	15.23	96.94	0.00	2.56	144.65	144.17	-27.01	358.46	0.00	358.46	56.30	414.77	49.97

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 04/Dec/2017

Position as on 6.30 Hrs of 05/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 04/Dec/2017

Position as on 6.30 Hrs of 05/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 04/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 05/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	03/12/2017	21.30	04/12/2017	06.40	HT	Over Voltage
Chandrapur - Padghe Hvdc Pole 1	IntraState	03/12/2017	21.30	04/12/2017	06.42	HT	Over 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 I	InterState	03/12/2017	17.38	04/12/2017	09.38	HT	Over Voltage
Padgha - Boisar (PG)	InterState	04/12/2017	16.08	04/12/2017	18.23	PO	meter replacement work.
Dhule Sar'Sarovar I	InterState	04/12/2017	18.06	05/12/2017	06.41	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
Main Bus I @ Akola	IntraState	04/12/2017	08.42	04/12/2017	16.04	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	04/12/2017	17.28	05/12/2017	06.39	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/12/2017	20.40	05/12/2017	06.37	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	04/12/2017	09.17	04/12/2017	14.49	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	04/12/2017	19.19	04/12/2017	22.14	EO	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.
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)
Koradi II - Kawlewada	IntraState	04/12/2017	10.16	04/12/2017	17.12	PO	Tan Delta Measurment of CTs
Urse - Talegaon (Ambi) Ckt 1	IntraState	04/12/2017	17.58	05/12/2017	05.39	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(Now 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
220/33kv 100 Mva Transformer 3 @Aarey R/S	IntraState	04/12/2017	10.24	04/12/2017	17.53	PO	civil work for safety.
220/33kv 100 MVA Transformer 3 @Aarey R/S	IntraState	04/12/2017	10.24		Continued.	PO	Annual Maintenance Work
220/33kv 100 Mvatransformer 2 @Versova R/S	IntraState	04/12/2017	10.43		Continued.	PO	tf refurbishment work.

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