

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.914	116.914	1) Gujrat	-0.581	-0.581
2) Hydro	5.196	5.196	2) Madhya Pradesh	11.318	11.318
3) Gas	10.003	10.003	3) Chattisgarh	7.470	7.470
Total MSPGCL	132.113	132.113	4) Maharashtra Net	125.633	125.633
B) 1) APML	39.759	39.759	5) Goa (Amona)	-0.902	-0.902
2) JSWEL	12.339	12.339	Total	142.938	142.938
3) VIPL	12.969	12.969	a) Mumbai Schedule	22.998	22.998
4) RPL(AMT)	11.530	11.530	b) Mumbai Drawl	24.612	24.612
5) WPCL	4.547	4.547	c) MSEDCL Bilateral *	43.150	43.150
6) PGPL	0.000	0.000	Include PX	16.646	16.646
7) Other IPP	12.323	12.323	d) Mumbai Bilateral *	22.998	22.998
C) 1) TPCL Thermal	9.404	9.404	Include PX	2.886	2.886
2) TPCL Hydro	5.555	5.555	Include Standby	0.000	0.000
3) TPCL Gas	3.688	3.688	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.490	10.490	1) MSEDCL	360.974	360.974
D) STATE			2) Mumbai Discoms	53.747	53.747
1) Thermal	230.275	230.275	TOTAL STATE	414.721	414.721
(A1+C1+C4+(B1-B6))					
2) Hydro	10.751	10.751			
(A2+C2)					
3) Gas	13.691	13.691			
(A3+B6+C3)					
4) Wind	14.089	14.089			
6) SOLAR	2.979	2.979			
TOTAL STATE	271.785	271.785			

* 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	5056	5071	4958	4366
MSPGCL Hydro	445	368	198	86
MSPGCL Gas	418	427	422	295
MSPGCL Total Generation	5919	5866	5578	4747
Central Sector Receipt	7428	7581	5819	4269
WIND	663	472	524	713
CPP / IPP Thermal	4129	4124	4466	3382
CPP / IPP Gas	0	0	0	0
SOLAR	483	440	0	0
Exchange with Mumbai	-1099	-1085	-1249	-1140
MSEDCL DEMAND MET	17523	17398	15138	11971
Load Shedding	0	0	0	0
MSEDCL DEMAND	17523	17398	15138	11971
TPCL GENERATION	1129	1109	1031	514
R-INFRA GENERATION	503	504	423	375
MUMBAI DEMAND	2731	2698	2703	2029
STATE DEMAND MET	20254	20096	17841	14000
STATE DEMAND	20254	20096	17841	14000
Frequency (Hz)	49.96	49.98	50.03	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 22.00 Hrs	49.79 Hz at 06.29 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 01/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.81	3.81	170	140
Unit 8	0.00	0.00	0	0
Unit 9	11.81	11.81	562	360
Unit 10	0.00	0.00	0	0
Total	15.62	15.62		
Bhusawal				
Unit 3	3.97	3.97	180	145
Unit 4	8.22	8.22	345	335
Unit 5	8.26	8.26	345	340
Total	20.45	20.45		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.47	4.47	197	180
Unit 7	4.29	4.29	191	158
Unit 8	4.07	4.07	177	165
Total	12.83	12.83		
Chandrapur				
Unit 3	4.25	4.25	188	158
Unit 4	4.19	4.19	182	150
Unit 5	0.00	0.00	0	0
Unit 6	9.07	9.07	400	334
Unit 7	9.82	9.82	452	333
Unit 8	10.17	10.17	460	330
Unit 9	10.22	10.22	456	348
Total	47.72	47.72		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.91	3.91	170	150
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.40	8.40	355	344
Total	12.31	12.31		
Nasik				
Unit 3	3.99	3.99	177	153
Unit 4	3.99	3.99	180	148
Unit 5	0.00	0.00	0	0
Total	7.98	7.98		
Uran				
All Units	10.00	10.00	454	295
Total	10.00	10.00		
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	0.06	26	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.06		
Koyna				
Stage 1-2	1.49	1.49	190	40
Stage 4	0.00	0.00	0	0
Stage 3	0.81	0.81	160	0
Total	2.30	2.30		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.36	0.36	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	0.35	80	0
RNGR+BHTSA	0.40	0.40	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.74	0.74	31	30
GHATGHAR	1.05	1.05	125	0
Total	2.89	2.89		
Wind				
Total	14.09	14.09	0	0
Total	14.09	14.09		
CPP				
APML(Mus)	39.76	39.76	0	0
JSWEL(Mus)	12.34	12.34	0	0
VIPL(Mus)	12.97	12.97	0	0
RPLAMT(Mus)	11.53	11.53	0	0
WPCL(Mus)	4.55	4.55	0	0
Other(Mus)	12.32	12.32	0	0
Total	93.47	93.47		
SOLAR				
Total	2.98	2.98	0	0
Total	2.98	2.98		
Tata				
Trombay 5	9.40	9.40	488	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.24	2.24	115	64
Trombay 7B	1.44	1.44	67	51
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.56	5.56	459	0
Total	18.65	18.65		
R-INFRA				
DTPS U-1&2	10.49	10.49	504	374
Total	10.49	10.49		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.91	116.91	MSPGCL Total	132.11	132.11
			MSPGCL Thml+Gas	126.92	126.92	Koyna 1,2 & 4 Total	1.49	1.49
			MSPGCL Hydro	5.20	5.20	State Total	271.78	271.78

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4552	88	409	5049	365	3321	0	0	4955	4701	-1032	12404	0	12404	1860	14264	50.01
2	4709	93	415	5217	448	3337	0	0	5051	5038	-885	13155	0	13155	1712	14867	50.01
3	4941	88	431	5460	573	3439	0	0	5104	5044	-791	13725	0	13725	1616	15341	50.02
4	4846	93	435	5374	655	3461	0	0	5093	4932	-748	13674	0	13674	1571	15245	50.02
5	4926	93	445	5464	767	3500	0	0	5179	4968	-749	13950	0	13950	1572	15522	49.97
6	4971	88	437	5496	771	3686	0	0	5819	5678	-782	14849	0	14849	1667	16516	49.96
7	4996	183	454	5633	754	3985	0	7	6315	6219	-778	15820	0	15820	1787	17607	49.87
8	5040	108	437	5585	750	4186	0	92	6695	6705	-735	16583	0	16583	1957	18540	49.98
9	5102	128	444	5674	633	4197	0	229	6613	6607	-938	16402	0	16402	2204	18606	49.95
10	5081	421	429	5931	652	4233	0	339	6377	6273	-990	16438	0	16438	2476	18914	49.92
11	5035	430	423	5888	703	4177	0	430	6903	6799	-1103	16894	0	16894	2676	19570	49.94
12	5056	445	418	5919	663	4129	0	483	7474	7428	-1099	17523	0	17523	2731	20254	49.96
13	5071	368	427	5866	472	4124	0	440	7429	7581	-1085	17398	0	17398	2698	20096	49.98
14	5072	377	414	5863	457	4116	0	358	7198	7228	-1062	16960	0	16960	2552	19512	50.03
15	5055	372	412	5839	330	4135	0	331	7201	7288	-1070	16853	0	16853	2580	19433	49.96
16	4982	355	402	5739	276	4134	0	186	7197	7083	-1035	16383	0	16383	2592	18975	49.99
17	5014	395	413	5822	318	4296	0	75	6944	7075	-1031	16555	0	16555	2606	19161	49.98
18	4989	214	417	5620	413	4452	0	9	6233	6124	-1051	15567	0	15567	2616	18183	49.95
19	4958	198	422	5578	524	4466	0	0	5959	5819	-1249	15138	0	15138	2703	17841	50.03
20	4828	238	446	5512	658	4273	0	0	5539	5215	-1345	14313	0	14313	2595	16908	50.02
21	4511	148	426	5085	742	3745	0	0	5319	5190	-1324	13438	0	13438	2479	15917	50.02
22	4406	101	426	4933	725	3354	0	0	5131	5157	-1325	12844	0	12844	2310	15154	50.04
23	4407	86	326	4819	727	3339	0	0	4760	4517	-1265	12137	0	12137	2160	14297	50.06
24	4366	86	295	4747	713	3382	0	0	4313	4269	-1140	11971	0	11971	2029	14000	50.05
MUs	116.91	5.20	10.00	132.11	14.09	93.47	0.00	2.98	144.80	142.94	-24.61	360.97	0.00	360.97	53.75	414.72	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 01/Dec/2017

Position as on 6.30 Hrs of 02/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06	02/12/2017	00.02	poor coal receipt.	
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	
IPP	JSW (J) U1	300	28/11/2017	08.50	01/12/2017	22.53	CW Duck Leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Dec/2017

Position as on 6.30 Hrs of 02/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
MSPGCL	Paras Unit 4	250	30/11/2017	00.01		Continued.	BUNKERING PROBLEM	
IPP	JSW (J) U4	300	30/11/2017	07.16		Continued.	Turbine Vibration Problem	
MSPGCL	Uran Unit 5	108	01/12/2017	22.13		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 4	500	02/12/2017	01.12		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	02/12/2017	05.41		Continued.	Support Bearing abnormal sound	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 02/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		Continued.	PO	Routine Maintenance Work
Chandrapur - Padghe Hvdc Pole 1	IntraState	01/12/2017	13.21		Continued.	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
Dhule Sar'Sarovar II	InterState	30/11/2017	17.12	01/12/2017	09.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/12/2017	17.15		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	30/11/2017	18.08	01/12/2017	11.05	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/11/2017	18.14	01/12/2017	11.11	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/11/2017	19.03	01/12/2017	07.18	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/11/2017	23.46	01/12/2017	06.50	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	01/12/2017	08.52		Continued.	PO	B PHASE CVT REPLACEMENT WORK.
karad -kolhapur-II	IntraState	01/12/2017	14.00	01/12/2017	15.44	HT	HEAVY SPARK ON R PHASE PENTAGON ISOLATOR.
Nagothane - Dabhol-II	IntraState	01/12/2017	16.13	01/12/2017	16.27	T	TRIPPED FROM DABHOL END ONLY.
karad -kolhapur-II	IntraState	01/12/2017	16.59		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/12/2017	17.04		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	01/12/2017	17.05	01/12/2017	19.47	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/12/2017	19.38		Continued.	T	Over Voltage (RFC 20.46).
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	01/12/2017	11.36	01/12/2017	19.10	PO	OLTC OIL LEAKAGE 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.
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)
Anandnagar - Pal	IntraState	01/12/2017	09.00	01/12/2017	18.22	PO	Testing Work
Padghe - Nalasopara	IntraState	01/12/2017	10.15	01/12/2017	18.02	PO	Insulator Replacement Work
Uran - Jnpt	IntraState	01/12/2017	10.31	01/12/2017	16.30	PO	AUGUMENTATION OF 220/33KV MASTER UNIT S/S.
Baramati - Kurkumbh	IntraState	01/12/2017	11.05	01/12/2017	13.20	EO	Attending Hot Spot
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 02/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Cgl lct 1 @Boisar-li	IntraState	01/12/2017	09.40	01/12/2017	19.15	PO	ATTENDING LEAKAGE WORK.
220/100 Kv 200 Mva Aval lct 2 @Taloja	IntraState	01/12/2017	14.35	01/12/2017	17.40	PO	R PHASE REPLACEMENT HV SIDE.
132 KV LINE Outages/Trippings							
Kaulewada-Gondia-li	IntraState	01/12/2017	00.15	01/12/2017	00.34	T	Distance Protection