

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.954	147.954	1) Gujrat	-0.794	-0.794
2) Hydro	14.606	14.606	2) Madhya Pradesh	6.784	6.784
3) Gas	10.184	10.184	3) Chattisgarh	7.680	7.680
Total MSPGCL	172.744	172.744	4) Maharashtra Net	107.593	107.593
B) 1) APML	52.410	52.410	5) Goa (Amona)	-0.662	-0.662
2) JSWEL	11.071	11.071	Total	120.601	120.601
3) VIPL	12.290	12.290	a) Mumbai Schedule	20.005	20.005
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.293	21.293
5) WPCL	4.003	4.003	c) MSEDCL Bilateral *	19.427	19.427
6) PGPL	0.000	0.000	Include PX	0.000	0.000
7) Other IPP	8.286	8.286	d) Mumbai Bilateral *	20.005	20.005
C) 1) TPCL Thermal	15.314	15.314	Include PX	2.006	2.006
2) TPCL Hydro	3.788	3.788	Include Standby	0.000	0.000
3) TPCL Gas	3.741	3.741	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.768	9.768	1) MSEDCL	367.619	367.619
D) STATE			2) Mumbai Discoms	53.904	53.904
1) Thermal	261.096	261.096	TOTAL STATE	421.523	421.523
(A1+C1+C4+(B1-B6))					
2) Hydro	18.394	18.394			
(A2+C2)					
3) Gas	13.925	13.925			
(A3+B6+C3)					
4) Wind	6.482	6.482			
6) SOLAR	1.025	1.025			
TOTAL STATE	300.922	300.922			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6465	6734	6803	5727
MSPGCL Hydro	1436	1258	933	102
MSPGCL Gas	466	367	357	472
MSPGCL Total Generation	8367	8359	8093	6301
Central Sector Receipt	5733	5631	5825	3357
WIND	102	188	275	315
CPP / IPP Thermal	3936	3926	3912	3222
CPP / IPP Gas	0	0	0	0
SOLAR	84	5	0	0
Exchange with Mumbai	-826	-1019	-1130	-497
MSEDCL DEMAND MET	17396	17090	16975	12698
Load Shedding	0	0	0	0
MSEDCL DEMAND	17396	17090	16975	12698
TPCL GENERATION	1239	1230	1179	694
R-INFRA GENERATION	508	385	385	387
MUMBAI DEMAND	2573	2634	2694	1578
STATE DEMAND MET	19969	19724	19669	14276
STATE DEMAND	19969	19724	19669	14276
Frequency (Hz)	49.89	49.89	50.01	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 19.58 Hrs	49.7 Hz at 17.23 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 01/Dec/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	12.21	12.21	545	410
Unit 9	10.07	10.07	433	400
Total	22.28	22.28		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.10	8.10	510	0
Unit 5	10.10	10.10	490	360
Total	18.20	18.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.05	5.05	244	189
Unit 7	5.03	5.03	234	187
Unit 8	0.00	0.00	0	0
Total	10.08	10.08		
Chandrapur				
Unit 3	4.42	4.42	200	163
Unit 4	4.37	4.37	196	164
Unit 5	9.97	9.97	465	360
Unit 6	8.14	8.14	450	0
Unit 7	9.17	9.17	413	357
Unit 8	10.43	10.43	500	362
Unit 9	9.78	9.78	459	344
Total	56.29	56.29		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.35	5.35	248	197
Total	5.35	5.35		
Khaparkheda				
Unit 1	4.18	4.18	190	155
Unit 2	4.30	4.30	200	155
Unit 3	4.42	4.42	203	160
Unit 4	4.26	4.26	190	160
Unit 5	10.60	10.60	500	375
Total	27.76	27.76		
Nasik				
Unit 3	4.01	4.01	170	160
Unit 4	3.98	3.98	170	159
Unit 5	0.00	0.00	0	0
Total	7.99	7.99		
Uran				
All Units	10.18	10.18	479	352
Total	10.18	10.18		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.05	0.05	25	0
Total	0.05	0.05		
Koyna				
Stage 1-2	4.65	4.65	485	40
Stage 4	4.41	4.41	703	0
Stage 3	1.75	1.75	160	0
Total	10.80	10.80		
Hydro				
KDPH	0.44	0.44	19	18
VTRNA	0.41	0.41	59	0
TILLARI	0.37	0.37	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	0.28	80	0
RNGR+BHTSA	0.38	0.38	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	0.46	30	16
GHATGHAR	1.46	1.46	250	0
Total	3.80	3.80		
Wind				
Total	6.48	6.48	0	0
Total	6.48	6.48		
CPP				
APML(Mus)	52.41	52.41	0	0
JSWEL(Mus)	11.07	11.07	0	0
VIPL(Mus)	12.29	12.29	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.00	4.00	0	0
Other(Mus)	8.29	8.29	0	0
Total	88.06	88.06		
SOLAR				
Total	1.02	1.02	0	0
Total	1.02	1.02		
Tata				
Trombay 5	9.98	9.98	486	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.33	2.33	115	50
Trombay 7B	1.41	1.41	66	35
Trombay 8	5.34	5.34	244	199
TATA Hydro	3.79	3.79	378	0
Total	22.84	22.84		
R-INFRA				
1-2	9.77	9.77	508	384
Total	9.77	9.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	0.00	0.00	MSPGCL Thermal	147.95	147.95	MSPGCL Total	172.74	172.74
			MSPGCL Thml+Gas	158.14	158.14	Koyna 1,2 & 4 Total	9.06	9.06
			MSPGCL Hydro	14.61	14.61	State Total	300.92	300.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Dec/2016

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	5749	97	464	6310	196	3255	0	0	4175	3965	-708	13018	0	13018	1791	14809	49.95
2	5702	92	455	6249	262	3232	0	0	3930	3638	-571	12810	0	12810	1655	14465	49.97
3	5727	102	472	6301	315	3222	0	0	3691	3357	-497	12698	0	12698	1578	14276	49.99
4	5743	102	460	6305	317	3233	0	0	3503	3385	-461	12779	0	12779	1521	14300	49.96
5	5725	97	467	6289	296	3238	0	0	3964	3962	-442	13343	0	13343	1524	14867	49.98
6	5678	231	478	6387	304	3388	0	0	4520	4620	-509	14190	0	14190	1632	15822	49.97
7	6220	489	469	7178	255	3885	0	0	5085	4784	-570	15532	0	15532	1792	17324	49.93
8	6342	1177	479	7998	194	3955	0	14	5490	5381	-660	16882	0	16882	1978	18860	49.90
9	6354	1282	471	8107	183	3933	0	74	5625	5584	-700	17181	0	17181	2206	19387	49.94
10	6465	1436	466	8367	102	3936	0	84	5661	5733	-826	17396	0	17396	2573	19969	49.89
11	6605	1366	449	8420	82	3930	0	134	5753	5498	-945	17119	0	17119	2710	19829	49.95
12	6658	861	444	7963	110	3895	0	154	5826	5479	-1050	16551	0	16551	2802	19353	49.98
13	6812	470	426	7708	185	3871	0	159	5794	5715	-1093	16545	0	16545	2776	19321	49.94
14	6837	430	425	7692	223	3874	0	154	5798	5676	-1091	16528	0	16528	2644	19172	49.95
15	6720	378	420	7518	190	3860	0	115	5819	5784	-1111	16356	0	16356	2665	19021	49.93
16	6717	754	385	7856	172	3894	0	90	5833	5692	-1146	16558	0	16558	2675	19233	49.91
17	6725	1150	352	8227	172	3926	0	42	5731	5295	-1019	16643	0	16643	2654	19297	49.87
18	6734	1258	367	8359	188	3926	0	5	5718	5631	-1019	17090	0	17090	2634	19724	49.89
19	6803	933	357	8093	275	3912	0	0	5789	5825	-1130	16975	0	16975	2694	19669	50.01
20	6119	391	352	6862	301	3735	0	0	5823	5728	-1326	15300	0	15300	2614	17914	50.00
21	5446	637	364	6447	454	3623	0	0	5513	5803	-1226	15101	0	15101	2409	17510	50.00
22	5386	617	400	6403	552	3612	0	0	5339	5046	-1174	14439	0	14439	2286	16725	50.01
23	5343	117	372	5832	582	3510	0	0	5164	4706	-1072	13558	0	13558	2106	15664	50.00
24	5344	139	390	5873	572	3215	0	0	4319	4314	-947	13027	0	13027	1985	15012	50.00
MUs	147.95	14.61	10.18	172.74	6.48	88.06	0.00	1.03	123.86	120.60	-21.29	367.62	0.00	367.62	53.90	421.52	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 01/Dec/2016

Position as on 6.30 Hrs of 02/Dec/2016

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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14:55		Continued.	Water Shortage	
IPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
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.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koyana Unit 11	80	24/09/2016	03.20		Continued.	Stator Earth Fault	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	12/11/2016	19.20		Continued.	Economizer Tube Leakage (continued under zero schedule).	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	18/11/2016	01.17		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Dec/2016

Position as on 6.30 Hrs of 02/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U1	262	23/11/2016	19.30		Continued.	No schedule.	
PGPL	PGPL U2	126	23/11/2016	19.33		Continued.	No schedule.	
MSPGCL	Koradi Unit 10	660	30/11/2016	05.05		Continued.	Loss of fuel	
MSPGCL	Bhusawal Unit 4	500	01/12/2016	05.31	01/12/2016	09.25	Generator Protection Operated.	
MSPGCL	Chandrapur Unit 6	500	01/12/2016	19.54		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	02/12/2016	03.52		Continued.	Boiler Tube Leakage	
IPP	Adani U-4	660	02/12/2016	06.46		Continued.	Tripped.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 02/Dec/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	30/11/2016	20.04	01/12/2016	06.38	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/12/2016	18.55	02/12/2016	05.38	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/12/2016	21.10	02/12/2016	05.59	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-II	IntraState	30/11/2016	20.01	01/12/2016	09.49	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/11/2016	20.04	01/12/2016	10.42	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	01/12/2016	10.01	01/12/2016	19.18	PO	Maintenance Work.
karad -kolhapur-I	IntraState	01/12/2016	19.05	02/12/2016	06.48	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/12/2016	19.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	01/12/2016	09.17	01/12/2016	18.45	PO	Maintenance & Testing Work.
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Bableshwar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshwar -Bhenda	IntraState	24/10/2016	06.57		Continued.	HT	Alephata line loading.
Kalwa - Borivali	IntraState	27/10/2016	08.32		Continued.	HT	Outage availed on28.10.2016 at 08:09 hrs for construction activity of Mumbai strenghtning work
Mulund - GIS Bhandup	IntraState	27/10/2016	08.53		Continued.	HT	outage availed on 28.10.2016 at 09:30hrs for construction activity of mumbai strenghtning work.
Bhosari- Bhosari 2	IntraState	01/12/2016	11.52	01/12/2016	16.12	PO	Annual Maintenance Work
Tata Borivli MSETCL Borivli 5	IntraState	01/12/2016	13.05	01/12/2016	17.48	PO	Annual Maintenance Work
Chandrapur GCR - Sicom I	IntraState	01/12/2016	13.21	01/12/2016	19.30	PO	Relay Retrofitting 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)
132 KV LINE Outages/Trippings							
Solapur II(Bale)-Naldurg	IntraState	30/11/2016	17.20	01/12/2016	13.20	T	Distance Protection Operated Zone-I B Phase.

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