

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Dec/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.656	933.531	1) Gujrat	-5.636	-18.213
2) Hydro	24.791	164.522	2) Madhya Pradesh	5.730	48.864
3) Gas	10.817	74.467	3) Chattisgarh	8.030	54.270
Total MSPGCL	156.264	1172.520	4) Maharashtra Net	115.413	768.073
B) 1) APML	50.812	360.251	5) Goa (Amona)	-0.618	-4.682
2) JSWEL	11.597	78.668	Total	122.919	848.312
3) VIPL	12.604	85.159	a) Mumbai Schedule	24.830	145.638
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.165	160.377
5) WPCL	4.103	28.691	c) MSEDCL Bilateral *	18.487	128.055
6) PGPL	2.902	4.797	Include PX	0.009	0.658
7) Other IPP	10.896	62.328	d) Mumbai Bilateral *	24.830	145.638
C) 1) TPCL Thermal	9.754	82.288	Include PX	4.779	20.370
2) TPCL Hydro	5.245	31.299	Include Standby	0.000	0.000
3) TPCL Gas	4.366	28.903	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.965	73.488	1) MSEDCL	363.458	2562.187
D) STATE			2) Mumbai Discoms	54.495	376.352
1) Thermal	231.387	1704.404	TOTAL STATE	417.953	2938.539
(A1+C1+C4+(B1-B6))					
2) Hydro	30.036	195.821			
(A2+C2)					
3) Gas	18.085	108.167			
(A3+B6+C3)					
4) Wind	14.304	73.821			
6) SOLAR	1.222	8.017			
TOTAL STATE	295.034	2090.230			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5356	5547	5601	4295
MSPGCL Hydro	1579	1743	1689	87
MSPGCL Gas	434	421	422	470
MSPGCL Total Generation	7369	7711	7712	4852
Central Sector Receipt	5526	5591	5031	4287
WIND	490	314	414	846
CPP / IPP Thermal	3765	3976	3993	3357
CPP / IPP Gas	231	233	192	0
SOLAR	179	148	0	0
Exchange with Mumbai	-1225	-1144	-1149	-744
MSEDCL DEMAND MET	16335	16829	16193	12598
Load Shedding	0	0	112	0
MSEDCL DEMAND	16335	16829	16305	12598
TPCL GENERATION	1048	1022	1060	502
R-INFRA GENERATION	504	506	508	385
MUMBAI DEMAND	2777	2672	2717	1631
STATE DEMAND MET	19112	19501	18910	14229
STATE DEMAND	19112	19501	19022	14229
Frequency (Hz)	49.95	49.92	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 06.01 Hrs	49.69 Hz at 20.21 Hrs	49.95	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 07/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	12.02	88.36	595	480
Unit 9	8.56	65.98	365	353
Total	20.57	154.35		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.46	68.60	500	290
Unit 5	9.38	69.54	500	320
Total	18.84	138.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.01	36.19	230	189
Unit 7	4.95	35.63	223	187
Unit 8	0.00	0.00	0	0
Total	9.96	71.82		
Chandrapur				
Unit 3	0.00	21.78	0	0
Unit 4	4.47	30.80	196	170
Unit 5	10.05	64.42	450	365
Unit 6	0.00	32.20	0	0
Unit 7	9.44	65.92	418	364
Unit 8	0.00	39.41	0	0
Unit 9	5.17	31.50	455	0
Total	29.13	286.03		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.32	37.43	250	190
Total	5.32	37.43		
Khaparkheda				
Unit 1	4.24	20.36	190	155
Unit 2	4.26	29.81	195	160
Unit 3	4.42	30.59	200	161
Unit 4	4.34	29.72	195	160
Unit 5	10.74	75.97	500	373
Total	27.99	186.45		
Nasik				
Unit 3	4.40	29.68	200	160
Unit 4	0.00	14.13	0	0
Unit 5	4.43	15.50	202	165
Total	8.84	59.31		
Uran				
All Units	10.82	74.47	474	421
Total	10.82	74.47		
PGPL				
Unit 1	1.79	3.04	143	0
Unit 2	1.11	1.76	91	0
Total	2.90	4.80		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.41	1.61	48	0
Total	0.41	1.61		
Koyna				
Stage 1-2	6.68	45.00	575	40
Stage 4	10.40	67.20	977	0
Stage 3	3.81	23.98	240	0
Total	20.90	136.18		
Hydro				
KDPH	0.44	3.98	19	18
VTRNA	0.43	2.87	60	0
TILLARI	0.38	2.64	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	1.62	80	0
RNGR+BHTSA	0.00	2.24	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	4.04	36	22
GHATGHAR	1.69	10.95	250	0
Total	3.89	28.34		
Wind				
Total	14.30	73.82	0	0
Total	14.30	73.82		
CPP				
APML(Mus)	50.81	360.25	0	0
JSWEL(Mus)	11.60	78.67	0	0
VIPL(Mus)	12.60	85.16	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.10	28.69	0	0
Other(Mus)	10.90	62.33	0	0
Total	90.01	615.10		
SOLAR				
Total	1.22	8.02	0	0
Total	1.22	8.02		
Tata				
Trombay 5	9.75	66.89	466	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	18.17	116	114
Trombay 7B	1.61	10.73	68	66
Trombay 8	0.00	15.40	0	0
TATA Hydro	5.24	31.30	459	0
Total	19.36	142.49		
R-INFRA				
1-2	10.96	73.49	510	384
Total	10.96	73.49		

* 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	120.66	933.53	MSPGCL Total	156.26	1172.52
			MSPGCL Thml+Gas	131.47	1008.00	Koyna 1,2 & 4 Total	17.09	112.20
			MSPGCL Hydro	24.79	164.52	State Total	295.03	2090.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4272	221	468	4961	1028	3502	0	0	4684	4181	-977	12695	0	12695	1859	14554	50.01
2	4266	96	459	4821	945	3375	0	0	4050	4412	-847	12706	0	12706	1730	14436	49.99
3	4295	87	470	4852	846	3357	0	0	4246	4287	-744	12598	0	12598	1631	14229	50.00
4	4326	82	462	4870	757	3349	0	0	4327	4466	-697	12745	0	12745	1582	14327	49.99
5	4330	182	470	4982	712	3350	7	0	4502	4558	-700	12909	0	12909	1584	14493	49.97
6	4463	487	474	5424	739	3371	32	0	4888	4857	-793	13631	0	13631	1684	15315	49.96
7	4923	1454	462	6839	726	3657	105	0	5122	5270	-690	15906	0	15906	1842	17748	49.93
8	4961	2025	462	7448	692	3787	214	14	5164	5363	-706	16812	224	17036	2001	19037	49.92
9	4964	1600	457	7021	596	3787	231	70	5250	5025	-848	15882	91	15973	2183	18156	49.95
10	5095	1736	458	7289	674	3781	232	126	5277	5116	-1035	16183	0	16183	2568	18751	49.93
11	5294	1328	446	7068	610	3781	232	158	5392	5097	-1146	15800	0	15800	2697	18497	49.98
12	5356	1579	434	7369	490	3765	231	179	5493	5526	-1225	16335	0	16335	2777	19112	49.95
13	5393	1638	424	7455	399	3863	231	187	5486	5479	-1202	16413	0	16413	2749	19162	49.95
14	5529	1681	434	7644	328	3979	232	170	5436	5399	-1169	16583	0	16583	2650	19233	49.96
15	5547	1743	421	7711	314	3976	233	148	5466	5591	-1144	16829	0	16829	2672	19501	49.92
16	5543	1790	438	7771	275	4003	233	105	5509	5499	-1096	16790	0	16790	2673	19463	49.90
17	5563	1787	429	7779	252	4034	233	57	5489	5365	-1059	16661	140	16801	2669	19470	49.86
18	5460	1535	452	7447	318	4023	232	8	5403	5102	-1065	16065	145	16210	2656	18866	49.92
19	5601	1689	422	7712	414	3993	192	0	5481	5031	-1149	16193	112	16305	2717	19022	50.00
20	5619	880	445	6944	509	4010	33	0	5659	5694	-1106	16084	0	16084	2607	18691	49.97
21	5204	520	444	6168	597	3990	0	0	5664	5711	-1164	15302	0	15302	2476	17778	49.89
22	4977	428	456	5861	622	3856	0	0	5447	5642	-1179	14802	0	14802	2296	17098	49.98
23	4796	138	470	5404	691	3792	0	0	5418	5554	-1279	14162	0	14162	2159	16321	49.94
24	4879	85	460	5424	770	3629	0	0	5208	4694	-1145	13372	0	13372	2033	15405	50.00
MUs	120.66	24.79	10.82	156.26	14.30	90.01	2.90	1.22	124.06	122.92	-24.16	363.46	0.71	364.17	54.50	418.67	49.95

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 07/Dec/2016

Position as on 6.30 Hrs of 08/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	
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.	
MSPGCL	Koradi Unit 10	660	30/11/2016	05.05		Continued.	Loss of fuel	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Dec/2016

Position as on 6.30 Hrs of 08/Dec/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 9	500	03/12/2016	16.55	07/12/2016	08.18	Boiler Tube Leakage	
TPC_G	Trombay 8	250	03/12/2016	23.43		Continued.	Boiler Recertification & LP Turbine Inspection.	
MSPGCL	Nasik Unit 4	210	04/12/2016	11.35		Continued.	to attend the stuck problem of HPCV -2. Converted to zero schedule from 07.12.2016 at 11:30 Hrs	
MSPGCL	Chandrapur Unit-8	500	04/12/2016	20.11		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	06/12/2016	09.25		Continued.	Boiler feed pump CB hashover.	
MSPGCL	Chandrapur Unit 6	500	06/12/2016	22.34		Continued.	Boiler Tube Leakage	
PGPL	PGPL U1	262	07/12/2016	19.29	08/12/2016	3.59	No Schedule	
PGPL	PGPL U2	126	07/12/2016	19.30	08/12/2016	05.04	No Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 08/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	06/12/2016	19.41		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/12/2016	18.44	08/12/2016	06.45	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	09/10/2016	12.29		Continued.	HT	Hot Spot on Isolator(RFC from 17.36HrsDt.10-10-2016)
karad -kolhapur-I	IntraState	06/12/2016	18.55	07/12/2016	09.37	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/12/2016	19.26	07/12/2016	11.32	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	07/12/2016	14.36	07/12/2016	17.27	T	Distance Protection
Karad - Jaigad - II	IntraState	07/12/2016	20.17		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	07/12/2016	20.22		Continued.	HT	Over Voltage
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.
Bableshtar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableshtar -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.
chandrapur-Tadali	IntraState	06/12/2016	14.34		Continued.	HT	Heavy sparking isolator.
Chaligaon - Deepnagar	IntraState	06/12/2016	20.05	07/12/2016	09.18	T	Red hot on BPH wt.
Boisar(M) - Ghodbunder	IntraState	07/12/2016	10.12	07/12/2016	17.18	PO	Maintenace Work.
Mumewadi -Halkarni II	IntraState	07/12/2016	10.15	07/12/2016	16.05	PO	Old Insulator Replacement Work.
Badnera-Akola I	IntraState	07/12/2016	11.21	07/12/2016	14.15	PO	Measurement of Tandelta of CT's & CC's.
Pusad-WardhaPG(Deoli)	IntraState	08/12/2016	03.12		Continued.	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)

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