

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Dec/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.406	812.875	1) Gujrat	-4.761	-12.577
2) Hydro	29.896	139.731	2) Madhya Pradesh	7.768	43.134
3) Gas	10.767	63.650	3) Chattisgarh	7.880	46.240
Total MSPGCL	169.069	1016.256	4) Maharashtra Net	117.567	652.660
B) 1) APML	51.100	309.439	5) Goa (Amona)	-0.730	-4.064
2) JSWEL	11.291	67.071	Total	127.724	725.393
3) VIPL	11.835	72.555	a) Mumbai Schedule	25.699	120.808
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.158	136.212
5) WPCL	4.264	24.588	c) MSEDCL Bilateral *	18.308	109.568
6) PGPL	0.000	1.895	Include PX	0.011	0.649
7) Other IPP	8.961	51.432	d) Mumbai Bilateral *	25.699	120.808
C) 1) TPCL Thermal	9.670	72.534	Include PX	4.789	15.591
2) TPCL Hydro	5.278	26.054	Include Standby	0.000	0.000
3) TPCL Gas	4.355	24.537	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.907	62.523	1) MSEDCL	370.784	2198.729
D) STATE			2) Mumbai Discoms	56.365	321.857
1) Thermal	236.434	1473.017	TOTAL STATE	427.149	2520.586
(A1+C1+C4+(B1-B6))					
2) Hydro	35.174	165.785			
(A2+C2)					
3) Gas	15.122	90.082			
(A3+B6+C3)					
4) Wind	11.450	59.517			
6) SOLAR	1.248	6.795			
TOTAL STATE	299.428	1795.196			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5838	5516	5438	4890
MSPGCL Hydro	2288	2061	1745	424
MSPGCL Gas	433	437	429	453
MSPGCL Total Generation	8559	8014	7612	5767
Central Sector Receipt	5677	5731	5997	4315
WIND	521	327	479	356
CPP / IPP Thermal	3798	3851	3853	3145
CPP / IPP Gas	0	0	0	0
SOLAR	173	52	0	0
Exchange with Mumbai	-1184	-1148	-1164	-774
MSEDCL DEMAND MET	17544	16827	16777	12809
Load Shedding	0	0	0	0
MSEDCL DEMAND	17544	16827	16777	12809
TPCL GENERATION	1113	1096	1095	494
R-INFRA GENERATION	502	511	508	386
MUMBAI DEMAND	2799	2755	2767	1654
STATE DEMAND MET	20343	19582	19544	14463
STATE DEMAND	20343	19582	19544	14463
Frequency (Hz)	50.01	49.87	49.92	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.02 Hrs	49.76 Hz at 15.39 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 06/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	12.40	76.35	574	480
Unit 9	8.51	57.43	361	350
Total	20.90	133.78		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.55	59.14	500	295
Unit 5	9.52	60.16	500	260
Total	19.07	119.30		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.25	31.18	246	192
Unit 7	5.30	30.68	245	190
Unit 8	0.00	0.00	0	0
Total	10.54	61.86		
Chandrapur				
Unit 3	1.72	21.78	210	0
Unit 4	4.45	26.32	198	172
Unit 5	10.15	54.37	450	362
Unit 6	9.55	32.20	460	0
Unit 7	9.54	56.48	432	357
Unit 8	0.00	39.41	0	0
Unit 9	0.00	26.34	0	0
Total	35.41	256.90		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.50	32.10	250	187
Total	5.50	32.10		
Khaparkheda				
Unit 1	4.31	16.12	195	160
Unit 2	4.34	25.56	195	160
Unit 3	4.39	26.17	202	160
Unit 4	4.30	25.38	193	160
Unit 5	10.86	65.22	500	372
Total	28.20	158.46		
Nasik				
Unit 3	4.38	25.28	200	160
Unit 4	0.00	14.13	0	0
Unit 5	4.40	11.07	202	161
Total	8.78	50.47		
Uran				
All Units	10.77	63.65	477	420
Total	10.77	63.65		
PGPL				
Unit 1	0.00	1.25	0	0
Unit 2	0.00	0.65	0	0
Total	0.00	1.90		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.44	1.21	51	0
Total	0.44	1.21		
Koyna				
Stage 1-2	8.34	38.31	570	40
Stage 4	12.26	56.80	1019	0
Stage 3	5.00	20.17	240	160
Total	25.60	115.28		
Hydro				
KDPH	0.64	3.54	37	9
VTRNA	0.40	2.44	59	0
TILLARI	0.38	2.26	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	1.28	80	0
RNGR+BHTSA	0.37	2.24	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.58	3.43	32	21
GHATGHAR	1.61	9.26	240	0
Total	4.30	24.45		
Wind				
Total	11.45	59.52	0	0
Total	11.45	59.52		
CPP				
APML(Mus)	51.10	309.44	0	0
JSWEL(Mus)	11.29	67.07	0	0
VIPL(Mus)	11.84	72.56	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.26	24.59	0	0
Other(Mus)	8.96	51.43	0	0
Total	87.45	525.08		
SOLAR				
Total	1.25	6.80	0	0
Total	1.25	6.80		
Tata				
Trombay 5	9.67	57.13	493	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	15.41	115	114
Trombay 7B	1.60	9.13	67	65
Trombay 8	0.00	15.40	0	0
TATA Hydro	5.28	26.05	459	56
Total	19.30	123.12		
R-INFRA				
1-2	10.91	62.52	511	385
Total	10.91	62.52		

* 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	128.41	812.88	MSPGCL Total	169.07	1016.26
			MSPGCL Thml+Gas	139.17	876.52	Koyna 1,2 & 4 Total	20.60	95.11
			MSPGCL Hydro	29.90	139.73	State Total	299.43	1795.20

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4903	584	465	5952	373	3336	0	0	4666	4564	-1045	13180	0	13180	1924	15104	50.02
2	4897	284	457	5638	399	3235	0	0	4711	4370	-930	12712	0	12712	1810	14522	50.00
3	4905	404	467	5776	396	3074	0	0	4063	4426	-836	12836	0	12836	1718	14554	50.01
4	4890	424	453	5767	356	3145	0	0	4320	4315	-774	12809	0	12809	1654	14463	50.01
5	4906	424	454	5784	392	3279	0	0	4383	4569	-757	13267	0	13267	1638	14905	49.99
6	5228	554	463	6245	426	3584	0	0	4784	4885	-859	14281	0	14281	1741	16022	49.97
7	5699	1181	454	7334	405	3774	0	0	5101	5035	-877	15671	0	15671	1908	17579	49.96
8	5998	1593	466	8057	368	3941	0	12	5371	5712	-668	17422	0	17422	2000	19422	49.89
9	6036	2002	457	8495	310	3892	0	75	5486	5628	-966	17434	0	17434	2335	19769	49.98
10	5888	2187	459	8534	424	3803	0	121	5621	5807	-1135	17554	0	17554	2688	20242	49.96
11	5838	2288	433	8559	521	3798	0	173	5707	5677	-1184	17544	0	17544	2799	20343	50.01
12	5815	1969	439	8223	353	3806	0	182	5690	5568	-1263	16869	0	16869	2885	19754	49.95
13	5817	1708	427	7952	227	3815	0	185	5629	5583	-1208	16554	0	16554	2835	19389	49.93
14	5690	1754	432	7876	177	3808	0	179	5607	5759	-1174	16625	0	16625	2736	19361	49.96
15	5676	1865	420	7961	204	3804	0	152	5749	5718	-1230	16609	0	16609	2772	19381	49.94
16	5617	1966	420	8003	244	3803	0	108	5652	5827	-1187	16798	0	16798	2769	19567	49.90
17	5516	2061	437	8014	327	3851	0	52	5591	5731	-1148	16827	0	16827	2755	19582	49.87
18	5482	1975	436	7893	365	3848	0	9	5467	5432	-1125	16422	0	16422	2728	19150	49.92
19	5438	1745	429	7612	479	3853	0	0	5637	5997	-1164	16777	0	16777	2767	19544	49.92
20	5413	912	456	6781	604	3818	0	0	5650	5841	-1237	15807	0	15807	2696	18503	50.00
21	5218	464	448	6130	934	3786	0	0	5657	5780	-1445	15185	0	15185	2546	17731	49.97
22	4882	401	458	5741	1043	3643	0	0	5544	5355	-1397	14385	0	14385	2353	16738	49.98
23	4452	409	477	5338	1098	3443	0	0	5204	5273	-1332	13820	0	13820	2213	16033	49.95
24	4202	742	460	5404	1025	3310	0	0	4485	4878	-1217	13400	0	13400	2098	15498	50.04
MUs	128.41	29.90	10.77	169.07	11.45	87.45	0.00	1.25	125.78	127.73	-26.16	370.79	0.00	370.79	56.37	427.16	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 06/Dec/2016

Position as on 6.30 Hrs of 07/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 06/Dec/2016

Position as on 6.30 Hrs of 07/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		Continued.	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.	
MSPGCL	Chandrapur Unit-8	500	04/12/2016	20.11		Continued.	Boiler Tube Leakage	
PGPL	PGPL U2	126	05/12/2016	19.29		Continued.	No Schedule	
PGPL	PGPL U1	262	05/12/2016	19.29		Continued.	No Schedule	
IPP	VIPL U-2	300	05/12/2016	23.51	06/12/2016	02.49	Mal Function operation	
MSPGCL	Chandrapur Unit 3	210	06/12/2016	09.25		Continued.	Boiler feed pump CB hashover.	
MSPGCL	Koyna STG-IV Unit-4	250	06/12/2016	12.24	06/12/2016	14.15	Vibrator Tripped.	
MSPGCL	Chandrapur Unit 6	500	06/12/2016	22.34		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 07/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 I	InterState	05/12/2016	20.33	06/12/2016	08.30	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/12/2016	00.10	06/12/2016	06.56	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/12/2016	19.41		Continued.	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	05/12/2016	20.21	06/12/2016	09.48	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	06/12/2016	10.02	06/12/2016	16.30	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	06/12/2016	18.55		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	06/12/2016	19.26		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.
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.
Mumewadi -Halkarni II	IntraState	06/12/2016	09.45	06/12/2016	16.30	PO	Old insulator replacement.
Bombay Dyeing - Sahara	IntraState	06/12/2016	11.38	06/12/2016	19.12	EO	To attend Hot Spot
chandrapur-Tadali	IntraState	06/12/2016	14.34		Continued.	HT	Heavy sparking isolator.
Chalisgaon - Deepnagar	IntraState	06/12/2016	20.05		Continued.	T	Red hot on BPH wt.
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							
Waghala - Kandhar	IntraState	06/12/2016	03.11	06/12/2016	03.35	T	Distance Protection

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