

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Dec/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.439	551.006	1) Gujrat	-4.006	-6.008
2) Hydro	24.296	77.838	2) Madhya Pradesh	6.519	27.766
3) Gas	10.651	42.252	3) Chattisgarh	7.510	30.340
Total MSPGCL	168.386	671.096	4) Maharashtra Net	105.162	424.640
B) 1) APML	52.684	205.265	5) Goa (Amona)	-0.640	-2.626
2) JSWEL	11.390	44.476	Total	114.545	474.112
3) VIPL	12.168	47.853	a) Mumbai Schedule	17.115	73.062
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.838	83.840
5) WPCL	4.040	16.081	c) MSEDCL Bilateral *	16.961	73.106
6) PGPL	0.000	0.000	Include PX	-0.002	0.883
7) Other IPP	8.505	33.845	d) Mumbai Bilateral *	17.115	73.062
C) 1) TPCL Thermal	9.452	52.526	Include PX	2.132	7.071
2) TPCL Hydro	2.090	15.313	Include Standby	0.000	0.000
3) TPCL Gas	4.362	15.857	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.584	40.725	1) MSEDCL	363.536	1456.351
D) STATE			2) Mumbai Discoms	47.326	208.261
1) Thermal	242.262	991.777	TOTAL STATE	410.862	1664.612
(A1+C1+C4+(B1-B6))					
2) Hydro	26.386	93.151			
(A2+C2)					
3) Gas	15.013	58.109			
(A3+B6+C3)					
4) Wind	11.589	43.041			
6) SOLAR	1.067	4.422			
TOTAL STATE	296.317	1190.500			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5879	6176	6309	4677
MSPGCL Hydro	2019	1436	1479	97
MSPGCL Gas	445	427	438	461
MSPGCL Total Generation	8343	8039	8226	5235
Central Sector Receipt	5040	4816	5063	4003
WIND	629	336	361	624
CPP / IPP Thermal	3864	3867	3914	3403
CPP / IPP Gas	0	0	0	0
SOLAR	113	133	0	0
Exchange with Mumbai	-698	-766	-955	-759
MSEDCL DEMAND MET	17291	16425	16609	12506
Load Shedding	0	0	0	0
MSEDCL DEMAND	17291	16425	16609	12506
TPCL GENERATION	784	812	814	497
R-INFRA GENERATION	508	508	493	386
MUMBAI DEMAND	1990	2086	2262	1642
STATE DEMAND MET	19281	18511	18871	14148
STATE DEMAND	19281	18511	18871	14148
Frequency (Hz)	49.97	49.98	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 21.59 Hrs	49.75 Hz at 17.39 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/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	13.17	50.61	605	483
Unit 9	9.62	40.20	404	397
Total	22.79	90.80		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.56	39.90	505	365
Unit 5	10.55	41.36	505	370
Total	21.11	81.27		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.15	20.48	240	194
Unit 7	5.12	20.19	238	184
Unit 8	0.00	0.00	0	0
Total	10.27	40.66		
Chandrapur				
Unit 3	3.12	15.57	195	0
Unit 4	4.40	17.49	193	165
Unit 5	10.10	34.09	450	339
Unit 6	4.26	12.39	420	0
Unit 7	9.67	37.34	430	352
Unit 8	7.31	39.41	478	0
Unit 9	0.00	26.34	0	0
Total	38.85	182.63		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.45	21.12	250	188
Total	5.45	21.12		
Khaparkheda				
Unit 1	2.74	7.50	185	0
Unit 2	4.24	16.86	195	160
Unit 3	4.31	17.26	201	160
Unit 4	4.21	16.79	192	160
Unit 5	11.14	43.23	500	375
Total	26.64	101.66		
Nasik				
Unit 3	4.10	16.48	200	160
Unit 4	1.97	14.13	189	0
Unit 5	2.25	2.25	183	0
Total	8.33	32.86		
Uran				
All Units	10.65	42.25	467	422
Total	10.65	42.25		
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)	0.24	0.51	40	0
Total	0.24	0.51		
Koyna				
Stage 1-2	6.34	21.16	560	40
Stage 4	9.72	29.96	754	0
Stage 3	4.03	11.06	240	0
Total	20.09	62.18		
Hydro				
KDPH	0.68	2.02	37	18
VTRNA	0.42	1.63	58	0
TILLARI	0.38	1.51	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.72	80	0
RNGR+BHTSA	0.37	1.50	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	2.28	35	22
GHATGHAR	1.59	6.01	250	0
Total	4.20	15.66		
Wind				
Total	11.59	43.04	0	0
Total	11.59	43.04		
CPP				
APML(Mus)	52.68	205.26	0	0
JSWEL(Mus)	11.39	44.48	0	0
VIPL(Mus)	12.17	47.85	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.04	16.08	0	0
Other(Mus)	8.50	33.84	0	0
Total	88.79	347.52		
SOLAR				
Total	1.07	4.42	0	0
Total	1.07	4.42		
Tata				
Trombay 5	9.45	37.12	487	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	9.92	116	114
Trombay 7B	1.60	5.94	68	66
Trombay 8	0.00	15.40	0	0
TATA Hydro	2.09	15.31	192	0
Total	15.90	83.70		
R-INFRA				
1-2	10.58	40.72	510	385
Total	10.58	40.72		

* 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	133.44	551.01	MSPGCL Total	168.39	671.10
			MSPGCL Thml+Gas	144.09	593.26	Koyna 1,2 & 4 Total	16.06	51.12
			MSPGCL Hydro	24.30	77.84	State Total	296.32	1190.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4599	223	449	5271	565	3573	0	0	4527	4241	-975	12675	0	12675	1859	14534	49.94
2	4668	97	450	5215	603	3561	0	0	4512	4088	-864	12603	0	12603	1747	14350	50.00
3	4677	97	461	5235	624	3403	0	0	4447	4003	-759	12506	0	12506	1642	14148	50.00
4	4660	117	452	5229	624	3220	0	0	4433	4334	-687	12720	0	12720	1570	14290	49.99
5	4655	225	463	5343	542	3264	0	0	4356	4464	-659	12954	0	12954	1543	14497	49.99
6	4848	608	456	5912	535	3349	0	0	4698	4978	-719	14055	0	14055	1600	15655	49.98
7	5267	850	457	6574	503	3520	0	0	5111	5153	-785	14965	0	14965	1668	16633	49.99
8	5631	1639	467	7737	495	3600	0	12	5176	5705	-813	16736	0	16736	1760	18496	49.91
9	5813	1750	429	7992	515	3821	0	62	5042	5289	-644	17035	0	17035	1872	18907	49.94
10	5879	2019	445	8343	629	3864	0	113	5058	5040	-698	17291	0	17291	1990	19281	49.97
11	5927	1752	444	8123	625	3871	0	144	5112	4969	-788	16944	0	16944	2120	19064	49.94
12	6008	1539	422	7969	561	3857	0	155	5090	5019	-835	16726	0	16726	2160	18886	49.96
13	6012	1119	423	7554	519	3881	0	159	4951	4789	-837	16065	0	16065	2142	18207	49.92
14	6056	1096	422	7574	445	3880	0	156	4849	4940	-782	16213	0	16213	2113	18326	50.01
15	6176	1436	427	8039	336	3867	0	133	4833	4816	-766	16425	0	16425	2086	18511	49.98
16	6212	1284	439	7935	324	3879	0	88	4805	4857	-745	16338	0	16338	2076	18414	49.96
17	6255	1368	427	8050	284	3893	0	41	4765	4722	-696	16294	0	16294	2045	18339	49.96
18	6291	1529	430	8250	314	3916	0	4	4702	4508	-707	16285	0	16285	2060	18345	49.94
19	6309	1479	438	8226	361	3914	0	0	4820	5063	-955	16609	0	16609	2262	18871	49.98
20	6090	823	443	7356	398	3862	0	0	4873	4839	-1195	15260	0	15260	2266	17526	49.98
21	5563	932	455	6950	425	3757	0	0	4818	4849	-1184	14797	0	14797	2259	17056	49.97
22	5518	1152	448	7118	404	3714	0	0	4742	4916	-1277	14875	0	14875	2236	17111	50.04
23	5320	598	453	6371	462	3698	0	0	4572	4622	-1282	13871	0	13871	2179	16050	49.97
24	5005	564	451	6020	496	3623	0	0	4197	4341	-1186	13294	0	13294	2071	15365	50.00
MUs	133.44	24.30	10.65	168.39	11.59	88.79	0.00	1.07	114.49	114.55	-20.84	363.54	0.00	363.54	47.33	410.86	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/2016

Position as on 6.30 Hrs of 05/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	04/12/2016	08.00	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 04/Dec/2016

Position as on 6.30 Hrs of 05/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	05/12/2016	04.24	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	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
MSPGCL	Chandrapur Unit 6	500	01/12/2016	19.54	04/12/2016	10.43	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 1	210	02/12/2016	03.52	04/12/2016	05.52	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	03/12/2016	16.55		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	03/12/2016	19.22	04/12/2016	05.40	Furnace Temp. Not Maintained.	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 05/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	03/12/2016	18.43	04/12/2016	06.28	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	04/12/2016	01.39	04/12/2016	06.45	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	04/12/2016	18.46		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/12/2016	01.12		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 - Jaigad - II	IntraState	01/12/2016	19.09		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	03/12/2016	19.16		Continued.	HT	Over Voltage
Main Bus-I @ Koradi-II	IntraState	04/12/2016	08.47		Continued.	PO	Construction work.
Padghe - Talegaon (PG)	IntraState	04/12/2016	10.17		Continued.	PO	Construction Work Of Buncjing Of Line New Ckt Khargar - Talegaon.
Padghe - Kharghar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work Of Buncjing Of Line New Ckt Khargar - Talegaon.
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.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	04/12/2016	03.12	04/12/2016	03.31	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