

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.257	417.567	1) Gujrat	-1.317	-2.002
2) Hydro	24.033	53.542	2) Madhya Pradesh	7.114	21.247
3) Gas	10.768	31.601	3) Chattisgarh	7.750	22.830
Total MSPGCL	164.058	502.710	4) Maharashtra Net	107.262	319.478
B) 1) APML	51.351	152.581	5) Goa (Amona)	-0.662	-1.986
2) JSWEL	10.847	33.086	Total	120.147	359.567
3) VIPL	11.047	35.685	a) Mumbai Schedule	15.957	55.947
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.265	63.002
5) WPCL	4.051	12.041	c) MSEDCL Bilateral *	19.394	56.145
6) PGPL	0.000	0.000	Include PX	0.981	0.885
7) Other IPP	8.531	25.340	d) Mumbai Bilateral *	15.957	55.947
C) 1) TPCL Thermal	12.771	43.074	Include PX	0.918	4.940
2) TPCL Hydro	5.252	13.223	Include Standby	0.000	0.000
3) TPCL Gas	4.233	11.495	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.541	30.141	1) MSEDCL	363.682	1092.815
D) STATE			2) Mumbai Discoms	53.062	160.935
1) Thermal	237.396	749.515	TOTAL STATE	416.744	1253.750
(A1+C1+C4+(B1-B6))					
2) Hydro	29.285	66.765			
(A2+C2)					
3) Gas	15.001	43.096			
(A3+B6+C3)					
4) Wind	13.798	31.452			
6) SOLAR	1.117	3.355			
TOTAL STATE	296.597	894.183			

* 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 18 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5598	5372	5386	5290
MSPGCL Hydro	1720	1812	1906	90
MSPGCL Gas	446	450	434	457
MSPGCL Total Generation	7764	7634	7726	5837
Central Sector Receipt	6052	6289	6048	2763
WIND	654	284	320	867
CPP / IPP Thermal	3619	3812	3801	3219
CPP / IPP Gas	0	0	0	0
SOLAR	143	5	1	0
Exchange with Mumbai	-1069	-787	-780	-596
MSEDCL DEMAND MET	17163	17237	17116	12090
Load Shedding	0	0	0	0
MSEDCL DEMAND	17163	17237	17116	12090
TPCL GENERATION	1092	1206	1179	697
R-INFRA GENERATION	391	498	508	387
MUMBAI DEMAND	2552	2491	2467	1680
STATE DEMAND MET	19715	19728	19583	13770
STATE DEMAND	19715	19728	19583	13770
Frequency (Hz)	49.95	49.87	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.73 Hz at 17.40 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 03/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	12.63	37.44	590	480
Unit 9	10.12	30.58	453	372
Total	22.74	68.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.48	29.34	510	360
Unit 5	10.41	30.82	505	370
Total	20.90	60.16		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.08	15.33	240	186
Unit 7	4.92	15.07	234	180
Unit 8	0.00	0.00	0	0
Total	10.00	30.40		
Chandrapur				
Unit 3	3.54	12.44	199	0
Unit 4	4.31	13.09	191	166
Unit 5	4.20	23.99	450	0
Unit 6	0.00	8.14	0	0
Unit 7	9.42	27.67	427	352
Unit 8	10.86	32.11	504	371
Unit 9	6.58	26.34	425	0
Total	38.92	143.78		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.47	15.67	250	193
Total	5.47	15.67		
Khaparkheda				
Unit 1	0.00	4.77	0	0
Unit 2	4.10	12.62	195	160
Unit 3	4.15	12.95	203	160
Unit 4	4.05	12.58	190	160
Unit 5	10.91	32.09	500	370
Total	23.21	75.01		
Nasik				
Unit 3	4.05	12.38	200	165
Unit 4	3.98	12.16	182	160
Unit 5	0.00	0.00	0	0
Total	8.03	24.53		
Uran				
All Units	10.77	31.60	472	421
Total	10.77	31.60		
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)	0.14	0.27	38	0
Total	0.14	0.27		
Koyna				
Stage 1-2	6.44	14.81	555	40
Stage 4	10.30	20.24	761	0
Stage 3	3.40	7.03	240	0
Total	20.14	42.08		
Hydro				
KDPH	0.44	1.33	19	18
VTRNA	0.44	1.22	59	0
TILLARI	0.38	1.12	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.56	80	0
RNGR+BHTSA	0.37	1.12	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	1.68	30	16
GHATGHAR	1.63	4.42	250	0
Total	3.89	11.46		
Wind				
Total	13.80	31.45	0	0
Total	13.80	31.45		
CPP				
APML(Mus)	51.35	152.58	0	0
JSWEL(Mus)	10.85	33.09	0	0
VIPL(Mus)	11.05	35.68	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.05	12.04	0	0
Other(Mus)	8.53	25.34	0	0
Total	85.83	258.73		
SOLAR				
Total	1.12	3.36	0	0
Total	1.12	3.36		
Tata				
Trombay 5	8.06	27.67	482	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.67	7.16	116	91
Trombay 7B	1.57	4.34	68	59
Trombay 8	4.71	15.40	232	71
TATA Hydro	5.25	13.22	442	0
Total	22.26	67.79		
R-INFRA				
1-2	9.54	30.14	508	385
Total	9.54	30.14		

* 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	129.26	417.57	MSPGCL Total	164.06	502.71
			MSPGCL Thml+Gas	140.02	449.17	Koyna 1,2 & 4 Total	16.74	35.05
			MSPGCL Hydro	24.03	53.54	State Total	296.60	894.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5303	105	468	5876	846	3224	0	0	3357	3106	-723	12329	0	12329	1791	14120	49.99
2	5290	90	457	5837	867	3219	0	0	3169	2763	-596	12090	0	12090	1680	13770	50.00
3	5301	90	469	5860	892	3217	0	0	3136	2909	-522	12356	0	12356	1604	13960	50.01
4	5294	90	460	5844	844	3217	0	0	3045	2929	-480	12354	0	12354	1547	13901	49.98
5	5247	96	461	5804	767	3226	0	0	3288	3408	-474	12731	0	12731	1540	14271	49.96
6	5241	346	472	6059	790	3273	0	0	4054	3914	-543	13493	0	13493	1650	15143	49.92
7	5449	679	464	6592	731	3533	0	1	5061	4772	-647	14982	0	14982	1730	16712	49.96
8	6111	993	471	7575	627	3696	0	13	5506	5527	-728	16710	0	16710	1855	18565	49.94
9	6239	764	455	7458	518	3665	0	62	5817	5903	-777	16829	0	16829	1985	18814	49.91
10	5797	1549	449	7795	579	3654	0	114	5892	5900	-921	17121	0	17121	2327	19448	49.89
11	5598	1720	446	7764	654	3619	0	143	5928	6052	-1069	17163	0	17163	2552	19715	49.95
12	5588	1451	427	7466	648	3640	0	184	5954	5762	-1222	16478	0	16478	2603	19081	49.96
13	5590	1233	443	7266	545	3690	0	163	5798	5610	-1159	16115	0	16115	2594	18709	49.98
14	5617	1207	423	7247	495	3660	0	156	5696	5577	-1137	15998	0	15998	2583	18581	49.95
15	5720	1467	422	7609	420	3721	0	135	5637	5585	-1084	16386	0	16386	2498	18884	49.93
16	5772	1510	421	7703	387	3806	0	95	5593	5483	-1056	16418	0	16418	2513	18931	49.95
17	5638	1666	422	7726	321	3811	0	45	5532	5649	-959	16593	0	16593	2508	19101	49.92
18	5372	1812	450	7634	284	3812	0	5	5524	6289	-787	17237	0	17237	2491	19728	49.87
19	5386	1906	434	7726	320	3801	0	1	5731	6048	-780	17116	0	17116	2467	19583	49.99
20	5057	1253	457	6767	327	3801	0	0	5749	5739	-1051	15583	0	15583	2528	18111	49.98
21	4679	1434	443	6556	397	3640	0	0	5664	5943	-1215	15321	0	15321	2645	17966	49.98
22	4616	1492	438	6546	434	3664	0	0	5392	5667	-1201	15110	0	15110	2596	17706	49.99
23	4729	529	466	5724	532	3662	0	0	5282	5269	-1123	14064	0	14064	2492	16556	49.98
24	4623	551	450	5624	573	3576	0	0	4394	4343	-1011	13105	0	13105	2283	15388	49.96
MUs	129.26	24.03	10.77	164.06	13.80	85.83	0.00	1.12	120.20	120.15	-21.27	363.68	0.00	363.68	53.06	416.74	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 03/Dec/2016

Position as on 6.30 Hrs of 04/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 03/Dec/2016

Position as on 6.30 Hrs of 04/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	
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 5	500	03/12/2016	09.39	03/12/2016	22.05	Loss of fuel	
MSPGCL	Chandrapur Unit 9	500	03/12/2016	16.55		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana STG-IV Unit-4	250	03/12/2016	17.30	03/12/2016	19.35	Turbine Governor Problem.	
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.	Zero schedule.	
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 03/Dec/2016

Statement-VII

Position as on 6.30 Hrs of 04/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	02/12/2016	19.11	03/12/2016	06.35	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/12/2016	22.56	03/12/2016	06.40	HT	Over Voltage
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
Ektuni-Bableswhar 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	01/12/2016	19.05	03/12/2016	07.57	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/12/2016	19.09		Continued.	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	03/12/2016	10.17	03/12/2016	18.57	PO	Damaged Corona Ring.
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 - Khargar	IntraState	04/12/2016	10.45		Continued.	PO	Construction Work Of Buncjing Of Line New Ckt Khargar - Talegaon.
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	03/12/2016	12.54	03/12/2016	16.27	HT	Taking 220KV Nalasopara-Boiser Pg In Services.
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.
Bableswhar- Ranjangaon	IntraState	06/06/2016	07.22		Continued.	HT	Hand Tripped for Ranjangaon End.
Bableswhar -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.
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	02/12/2016	17.48	03/12/2016	03.28	PO	Attending Hot Spot
Nashik-Airoli Knowledge Park	IntraState	02/12/2016	22.48	03/12/2016	03.37	HT	H/T due to nasik-bblr-1 outage & load control
Urse - Talegaon (Ambi) Ckt 1	IntraState	03/12/2016	11.21	03/12/2016	18.07	PO	Testing Work
Padghe - Nalasopara	IntraState	03/12/2016	12.36	03/12/2016	16.19	T	Distance Protection
Mahad-Kandalgaon	IntraState	03/12/2016	13.20	03/12/2016	17.10	PO	Diagnostic Testing.
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)
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	03/12/2016	13.30	03/12/2016	17.59	PO	Annual Maintenance Work

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