

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Dec/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.212	333.161	1) Gujrat	4.781	15.548
2) Hydro	12.782	38.506	2) Madhya Pradesh	6.785	21.714
3) Gas	7.005	23.711	3) Chattisgarh	5.170	15.290
Total MSPGCL	127.999	395.378	4) Maharashtra Net	86.187	263.823
B) 1) APML	53.770	160.814	5) Goa (Amona)	-0.516	-1.678
2) JSWEL	23.563	67.791	6) TAPS 1&2 Injection	3.557	10.637
3) VIPL	11.957	34.515	7) RGPPL Injection	6.044	18.938
4) RPL(AMT)	22.664	68.559	8) Pench (MS)	0.121	0.687
5) WPCL	5.070	16.108	9) Pench (Excess)	-0.121	-0.687
6) Other IPP	10.955	32.552	Total	111.887	343.585
C) 1) TPCL Thermal	15.331	46.017	a) Mumbai Schedule	20.575	67.211
2) TPCL Hydro	3.074	8.924	b) Mumbai Drawl	25.568	79.646
3) TPCL Gas	3.915	12.088	c) MSEDCL Bilateral *	24.703	66.950
4) R-INFRA Thermal	11.105	32.625	Include PX	-0.317	-1.382
D) STATE			d) Mumbai Bilateral *	20.575	67.211
1) Thermal	262.627	792.142	Include PX	0.389	0.670
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	15.856	47.430	H) ENERGY CATERED (MUs)		
3) Gas	10.920	35.799	1) MSEDCL	347.243	1053.308
4) Wind	3.898	10.622	2) Mumbai Discoms	58.992	179.299
6) SOLAR	1.048	3.030	TOTAL STATE	406.235	1232.607
TOTAL STATE	294.349	889.023			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4648	4656	4503	4348
MSPGCL Hydro	1411	865	339	133
MSPGCL Gas	289	281	285	296
MSPGCL Total Generation	6348	5802	5127	4777
Central Sector Receipt	4621	4965	5090	4316
WIND	157	114	93	249
CPP / IPP	5820	5901	5825	4495
SOLAR	146	77	0	0
Exchange with Mumbai	-1185	-1158	-1313	-686
MSEDCL DEMAND MET	15907	15701	14822	13151
Load Shedding	29	17	17	16
MSEDCL DEMAND	15936	15718	14839	13167
TPCL GENERATION	1201	1253	1114	658
R-INFRA GENERATION	516	518	441	399
MUMBAI DEMAND	2902	2929	2868	1743
STATE DEMAND MET	18809	18630	17690	14894
STATE DEMAND	18838	18647	17707	14910
Frequency (Hz)	49.92	49.93	49.97	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.00 Hrs	49.71 Hz at 06.44 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 03/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.89	8.43	128	115
Unit 6	0.00	0.00	0	0
Unit 7	0.00	5.73	0	0
Total	2.89	14.15		
Bhusawal				
Unit 2	4.16	12.38	180	165
Unit 3	4.11	12.10	180	160
Unit 4	10.68	32.96	490	395
Unit 5	11.16	33.52	500	420
Total	30.11	90.96		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.09	9.29	137	121
Unit 3	4.50	13.28	205	168
Unit 4	4.52	13.37	204	174
Unit 5	9.66	29.56	425	375
Unit 6	0.00	0.00	0	0
Unit 7	9.96	30.24	427	400
Total	31.73	95.74		
Paras				
Unit 3	4.72	14.49	230	12
Unit 4	5.75	16.79	256	213
Total	10.46	31.27		
Khaparkheda				
Unit 1	3.62	11.03	160	125
Unit 2	3.62	10.76	165	140
Unit 3	3.95	11.95	188	141
Unit 4	3.50	10.53	160	133
Unit 5	9.06	27.48	420	330
Total	23.74	71.75		
Nasik				
Unit 3	0.00	1.74	0	0
Unit 4	4.55	13.56	198	160
Unit 5	4.73	13.99	202	190
Total	9.28	29.29		
Uran				
All Units	7.00	23.71	314	281
Total	7.00	23.71		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.12	0.69	30	0
Total	0.12	0.69		
Koyna				
Stage 1-2	3.32	9.93	425	40
Stage 4	3.73	10.25	485	0
Stage 3	1.12	3.91	240	0
Total	8.16	24.09		
Hydro				
KDPH	0.64	2.40	37	18
VTRNA	0.52	1.63	61	0
TILLARI	0.52	0.87	63	0
BHTGR/VEER	0.02	0.04	1	1
BHIRA T.R.	0.15	0.42	40	0
RNGR+BHTSA	0.25	0.72	13	0
BHANDARDRA	0.54	1.53	46	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	2.10	36	25
GHATGHAR	1.28	4.71	250	0
Total	4.62	14.41		
Wind				
Total	3.90	10.62	0	0
Total	3.90	10.62		
CPP				
APML(Mus)	53.77	160.81	0	0
JSWEL(Mus)	23.56	67.79	0	0
VIPL(Mus)	11.96	34.52	0	0
RPLAMT(Mus)	22.66	68.56	0	0
WPCL(Mus)	5.07	16.11	0	0
Other(Mus)	10.96	32.55	0	0
Total	127.98	380.34		
SOLAR				
Total	1.05	3.03	0	0
Total	1.05	3.03		
Tata				
Trombay 5	9.75	29.31	470	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	7.48	115	81
Trombay 7B	1.51	4.61	68	56
Trombay 8	5.58	16.71	253	201
TATA Hydro	3.07	8.92	356	0
Total	22.32	67.03		
R-INFRA				
1-2	11.10	32.62	518	398
Total	11.10	32.62		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.21	333.16
MSPGCL Thml+Gas	115.22	356.87

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.78	38.51
MSPGCL Total	128.00	395.38

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.04	20.18
State Total	294.35	889.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Dec/2015

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													
1	4166	176	314	4656	231	4385	0	4684	4990	-1076	13186	29	13215	2131	15346	49.97
2	4327	149	295	4771	261	4364	0	4688	4653	-895	13154	12	13166	1949	15115	49.96
3	4381	127	295	4803	293	4384	0	4635	4498	-788	13190	16	13206	1842	15048	49.99
4	4363	132	294	4789	264	4367	0	4534	4476	-713	13183	16	13199	1769	14968	49.97
5	4348	133	296	4777	249	4495	0	4546	4316	-686	13151	16	13167	1743	14910	49.96
6	4419	223	296	4938	304	4785	0	4682	4995	-761	14261	23	14284	1829	16113	49.96
7	4536	403	295	5234	236	5171	1	4773	4823	-693	14772	23	14795	1968	16763	49.87
8	4593	944	295	5832	168	5452	18	4765	4816	-673	15613	23	15636	2057	17693	49.88
9	4593	948	309	5850	147	5596	58	4807	4713	-935	15429	23	15452	2353	17805	49.89
10	4652	1280	288	6220	189	5707	113	4843	4621	-1107	15743	29	15772	2693	18465	49.92
11	4648	1411	289	6348	157	5820	146	4790	4621	-1185	15907	29	15936	2902	18838	49.92
12	4638	1266	281	6185	169	5851	154	4799	4617	-1244	15732	34	15766	2972	18738	49.96
13	4649	822	284	5755	158	5851	168	4777	4773	-1247	15458	34	15492	2971	18463	50.00
14	4651	637	283	5571	145	5808	146	4766	4639	-1161	15148	39	15187	2887	18074	49.96
15	4623	736	283	5642	137	5891	121	4767	4911	-1189	15513	19	15532	2921	18453	49.92
16	4656	865	281	5802	114	5901	77	4766	4965	-1158	15701	17	15718	2929	18647	49.93
17	4544	762	282	5588	110	5888	38	4687	4473	-1185	14912	20	14932	2899	17831	49.90
18	4495	245	289	5029	104	5856	8	4350	4258	-1284	13971	17	13988	2848	16836	49.92
19	4503	339	285	5127	93	5825	0	4809	5090	-1313	14822	17	14839	2868	17707	49.97
20	4556	414	287	5257	83	5926	0	4743	4374	-1203	14437	21	14458	2809	17267	49.95
21	4546	263	292	5101	75	5639	0	4705	4412	-1311	13916	21	13937	2646	16583	49.94
22	4486	174	303	4963	59	5331	0	4726	4361	-1366	13348	20	13368	2471	15839	50.03
23	4421	202	297	4920	74	4967	0	4707	4673	-1245	13389	17	13406	2322	15728	50.00
24	4418	131	292	4841	78	4720	0	4496	4819	-1150	13308	17	13325	2214	15539	49.99
MUs	108.21	12.78	7.00	128.00	3.90	127.98	1.05	112.85	111.89	-25.57	347.24	0.53	347.77	58.99	406.77	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 03/Dec/2015

Position as on 6.30 Hrs of 04/Dec/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
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.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07	04/12/2015	22.08	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
MSPGCL	Chandrapur Unit 6	500	30/11/2015	20.01		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 3	210	01/12/2015	09.22	04/12/2015	02.18	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	02/12/2015	21.18	03/12/2015	00.50	Furnace Pressure High	
MSPGCL	Koradi Unit 7	210	02/12/2015	22.52		Continued.	Boiler Drum Leakage	
MSPGCL	Uran Unit 5	108	03/12/2015	00.07	04/12/2015	09.55	Damper Discrepany	
MSPGCL	Nasik Unit 3	210	04/12/2015	18.20		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	04/12/2015	21.36		Continued.	Turbine Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2015

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	02/12/2015	19.04	03/12/2015	06.33	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	02/12/2015	20.02	03/12/2015	06.29	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/12/2015	17.24	04/12/2015	07.10	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/12/2015	18.17	04/12/2015	07.09	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	04/12/2015	18.05		Continued.	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	04/12/2015	22.09		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
karad -kolhapur-I	IntraState	02/12/2015	16.09	03/12/2015	09.03	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/12/2015	16.41		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/12/2015	17.46	03/12/2015	10.32	HT	Over Voltage
Chandrapur - Parli	IntraState	03/12/2015	05.47	03/12/2015	18.14	PO	Erection for LILO Tower for 400KV Kumbhargaoon
Chandrapur-Parali 2	IntraState	03/12/2015	06.14	03/12/2015	18.26	PO	Erection for LILO Tower for 400KV Kumbhargaoon
karad -kolhapur-II	IntraState	03/12/2015	16.08	04/12/2015	09.19	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/12/2015	17.01	04/12/2015	07.10	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/12/2015	21.38	04/12/2015	06.58	HT	Over Voltage
Chandrapur-Parali III	IntraState	04/12/2015	06.37	04/12/2015	18.17	PO	LILO Work fro Naded Work.
Chandrapur-Parali 2	IntraState	04/12/2015	06.51	04/12/2015	18.16	PO	LILO Work fro Naded Work.
karad -kolhapur-I	IntraState	04/12/2015	16.27		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/12/2015	17.27		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/12/2015	20.57		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220KV 500MVA ICT 2@koradi 2	IntraState	02/12/2015	12.35		Continued.	T	Differential protection
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	03/12/2015	10.40	03/12/2015	16.51	PO	Attending Oil Leakage
400/220 KV 315 MVA ICT- I @Koradi	IntraState	04/12/2015	10.12	04/12/2015	12.06	PO	To Attend Oil Leakage on T/F.
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
Nasik Navsari II	InterState	04/12/2015	15.10	04/12/2015	16.44	T	Distance Protection
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.
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
Jejuri- Ismt- Lonand	IntraState	02/12/2015	23.17	03/12/2015	15.47	PO	Stringing of Conductor for LILO 220KV Lonikand-Kathapur Line for 400KV Lonikand-II
Parvati - Hybrid Pass	IntraState	03/12/2015	00.12	03/12/2015	07.06	PO	Stringing of Conductor for LILO

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 04/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Flagship-Chinchwad	IntraState	03/12/2015	00.42	03/12/2015	16.02	PO	220KV Lonikand-Kathapur Line for 400KV Lonikand-II
							Stringing of Conductor for LILO 220KV Lonikand-Kathapur Line for 400KV Lonikand-II
Lonikand-VSNL	IntraState	03/12/2015	05.46	03/12/2015	15.31	PO	Stringing of Conductor for LILO 220KV Lonikand-Kathapur Line for 400KV Lonikand-II
Lonikand - Bhosari	IntraState	03/12/2015	06.00	03/12/2015	15.26	PO	Stringing of Conductor for LILO 220KV Lonikand-Kathapur Line for 400KV Lonikand-II
Lonikand (400 Kv)-Theur I	IntraState	03/12/2015	06.10	03/12/2015	15.26	PO	Stringing of Conductor for LILO 220KV Lonikand-Kathapur Line for 400KV Lonikand-II
Lonikand (400 Kv)-Theur li	IntraState	03/12/2015	06.22	03/12/2015	15.26	PO	Stringing of Conductor for LILO 220KV Lonikand-Kathapur Line for 400KV Lonikand-II
Hinjawadi I- Chinchwad	IntraState	03/12/2015	06.54	03/12/2015	07.20	PO	LILO work on Lonikand-Kathapur line for 400KV Lonikand-II S/stn
Chinchwad- Parvati	IntraState	03/12/2015	07.05	03/12/2015	15.36	HT	H/T from Chinchwad
Bableshwar- Ranjangaon	IntraState	03/12/2015	07.16	03/12/2015	17.15	PO	LILO work on Lonikand-Kathapur line for 400KV Lonikand-II S/stn
Kalwa - Colourchem	IntraState	03/12/2015	08.50	03/12/2015	16.40	PO	Insulator string replacement work
Kandalgaon - Sona Alloys	IntraState	03/12/2015	13.19	03/12/2015	13.30	T	Distance Protection
Topworth - Kharghar	IntraState	04/12/2015	10.19	04/12/2015	15.11	PO	Maintenance Work.
Wada - Kolshet	IntraState	04/12/2015	10.19	04/12/2015	18.20	PO	Maintenance Work.
Wada - Bhavdeghar	IntraState	04/12/2015	10.19	04/12/2015	17.14	PO	Bus Bar Commissioning Work.
Ghatghar - Bapgaon	IntraState	04/12/2015	12.00	04/12/2015	13.03	PO	Mock Drill Outage @ Ghatghar.Black Start Test.
Karad - Vita Ckt- I	IntraState	04/12/2015	14.21	04/12/2015	16.38	EO	To Attend Hot Spot on CT.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Padegaon - Sillod	IntraState	03/12/2015	02.32	03/12/2015	03.48	T	Distance Protection
Paras-Akot	IntraState	03/12/2015	02.35	04/12/2015	00.28	T	Distance Protection
Dhule- Nardane	IntraState	03/12/2015	10.48	03/12/2015	10.50	T	Tripped without any Indication

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