

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Dec/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.099	114.099	1) Gujrat	3.982	3.982
2) Hydro	10.582	10.582	2) Madhya Pradesh	8.024	8.024
3) Gas	7.130	7.130	3) Chattisgarh	5.240	5.240
Total MSPGCL	131.811	131.811	4) Maharashtra Net	91.354	91.354
B) 1) APML	52.741	52.741	5) Goa (Amona)	-0.604	-0.604
2) JSWEL	21.973	21.973	6) TAPS 1&2 Injection	3.534	3.534
3) VIPL	11.262	11.262	7) RGPPL Injection	6.673	6.673
4) RPL(AMT)	23.168	23.168	8) Pench (MS)	0.494	0.494
5) WPCL	5.544	5.544	9) Pench (Excess)	-0.494	-0.494
6) Other IPP	10.891	10.891	Total	117.709	117.709
C) 1) TPCL Thermal	15.333	15.333	a) Mumbai Schedule	23.510	23.510
2) TPCL Hydro	2.697	2.697	b) Mumbai Drawl	27.004	27.004
3) TPCL Gas	4.209	4.209	c) MSEDCL Bilateral *	20.866	20.866
4) R-INFRA Thermal	10.661	10.661	Include PX	-0.761	-0.761
D) STATE			d) Mumbai Bilateral *	23.510	23.510
1) Thermal	265.672	265.672	Include PX	0.055	0.055
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.279	13.279	H) ENERGY CATERED (MUs)		
3) Gas	11.339	11.339	1) MSEDCL	353.360	353.360
4) Wind	4.272	4.272	2) Mumbai Discoms	59.904	59.904
6) SOLAR	0.993	0.993	TOTAL STATE	413.264	413.264
TOTAL STATE	295.555	295.555			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4789	4859	4748	4676
MSPGCL Hydro	1091	639	245	158
MSPGCL Gas	273	285	289	307
MSPGCL Total Generation	6153	5783	5282	5141
Central Sector Receipt	5574	5483	5179	4163
WIND	175	123	116	286
CPP / IPP	5782	5696	5494	4424
SOLAR	148	115	0	0
Exchange with Mumbai	-1340	-1353	-1430	-637
MSEDCL DEMAND MET	16492	15847	14641	13377
Load Shedding	14	23	11	11
MSEDCL DEMAND	16506	15870	14652	13388
TPCL GENERATION	1166	1117	1040	697
R-INFRA GENERATION	514	517	399	401
MUMBAI DEMAND	3020	2987	2869	1735
STATE DEMAND MET	19512	18834	17510	15112
STATE DEMAND	19526	18857	17521	15123
Frequency (Hz)	49.98	49.95	49.99	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 05:02 Hrs	49.7 Hz at 06:37 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 01/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.71	2.71	122	102
Unit 6	0.00	0.00	0	0
Unit 7	2.74	2.74	150	90
Total	5.45	5.45		
Bhusawal				
Unit 2	4.11	4.11	180	155
Unit 3	3.92	3.92	180	140
Unit 4	11.18	11.18	500	415
Unit 5	11.13	11.13	500	400
Total	30.34	30.34		
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	3.09	134	123
Unit 3	4.37	4.37	202	165
Unit 4	4.42	4.42	200	166
Unit 5	9.94	9.94	420	406
Unit 6	0.00	0.00	0	0
Unit 7	10.14	10.14	434	410
Total	31.96	31.96		
Paras				
Unit 3	5.24	5.24	230	194
Unit 4	5.59	5.59	265	203
Total	10.83	10.83		
Khaparkheda				
Unit 1	3.83	3.83	175	140
Unit 2	3.62	3.62	170	135
Unit 3	3.94	3.94	188	140
Unit 4	3.83	3.83	167	148
Unit 5	9.43	9.43	440	359
Total	24.64	24.64		
Nasik				
Unit 3	1.74	1.74	190	0
Unit 4	4.53	4.53	200	178
Unit 5	4.61	4.61	197	186
Total	10.88	10.88		
Uran				
All Units	7.13	7.13	352	273
Total	7.13	7.13		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.49	0.49	37	0
Total	0.49	0.49		
Koyna				
Stage 1-2	3.42	3.42	390	40
Stage 4	2.00	2.00	250	0
Stage 3	0.90	0.90	80	0
Total	6.32	6.32		
Hydro				
KDPH	0.88	0.88	37	36
VTRNA	0.56	0.56	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.14	40	0
RNGR+BHTSA	0.24	0.24	15	0
BHANDARDRA	0.47	0.47	45	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.70	0.70	36	26
GHATGHAR	1.27	1.27	250	0
Total	4.26	4.26		
Wind				
Total	4.27	4.27	0	0
Total	4.27	4.27		
CPP				
APML(Mus)	52.74	52.74	0	0
JSWEL(Mus)	21.97	21.97	0	0
VIPL(Mus)	11.26	11.26	0	0
RPLAMT(Mus)	23.17	23.17	0	0
WPCL(Mus)	5.54	5.54	0	0
Other(Mus)	10.89	10.89	0	0
Total	125.58	125.58		
SOLAR				
Total	0.99	0.99	0	0
Total	0.99	0.99		
Tata				
Trombay 5	9.81	9.81	472	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.63	2.63	115	90
Trombay 7B	1.58	1.58	68	59
Trombay 8	5.52	5.52	251	198
TATA Hydro	2.70	2.70	319	0
Total	22.24	22.24		
R-INFRA				
1-2	10.66	10.66	517	399
Total	10.66	10.66		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	114.10	114.10
MSPGCL Thml+Gas	121.23	121.23

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.58	10.58
MSPGCL Total	131.81	131.81

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.42	5.42
State Total	295.56	295.56

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	4651	115	297	5063	314	4426	0	4597	4937	-985	13755	22	13777	2081	15858	49.92
2	4638	115	307	5060	302	4415	0	4477	4757	-811	13723	11	13734	1911	15645	49.93
3	4657	118	307	5082	334	4424	0	3997	4448	-711	13577	11	13588	1808	15396	49.97
4	4676	158	307	5141	286	4424	0	3910	4163	-637	13377	11	13388	1735	15123	49.97
5	4630	154	300	5084	279	4407	0	3946	4402	-623	13549	11	13560	1723	15283	49.93
6	4644	159	297	5100	289	4630	0	4313	4644	-710	13953	14	13967	1821	15788	49.95
7	4842	266	295	5403	268	5200	0	4654	4866	-744	14993	23	15016	1954	16970	49.84
8	4897	651	295	5843	247	5459	13	4652	4812	-660	15714	32	15746	2074	17820	49.92
9	4994	856	321	6171	261	5539	66	4750	4968	-971	16034	35	16069	2396	18465	49.98
10	4880	931	290	6101	186	5724	100	4798	4981	-1122	15970	28	15998	2695	18693	49.96
11	4800	1133	292	6225	153	5759	129	4970	5305	-1307	16264	25	16289	2957	19246	49.99
12	4789	1091	273	6153	175	5782	148	5058	5574	-1340	16492	14	16506	3020	19526	49.98
13	4825	801	283	5909	138	5722	145	4930	5175	-1331	15758	25	15783	3010	18793	49.99
14	4832	782	285	5899	134	5731	145	4863	5056	-1312	15653	17	15670	2955	18625	50.02
15	4859	639	285	5783	123	5696	115	4883	5483	-1353	15847	23	15870	2987	18857	49.95
16	4838	834	278	5950	108	5742	89	4901	5019	-1334	15574	25	15599	2996	18595	49.93
17	4817	301	288	5406	92	5706	39	4789	5253	-1282	15214	24	15238	2961	18199	49.92
18	4800	251	286	5337	88	5646	4	4242	4274	-1414	13935	14	13949	2913	16862	49.94
19	4819	285	287	5391	99	5640	0	4861	4803	-1475	14458	11	14469	2964	17433	49.98
20	4748	245	289	5282	116	5494	0	4981	5179	-1430	14641	11	14652	2869	17521	49.99
21	4726	200	302	5228	73	5310	0	4820	4849	-1416	14044	11	14055	2747	16802	49.97
22	4622	202	299	5123	71	5084	0	4714	4608	-1399	13487	11	13498	2556	16054	49.98
23	4586	179	315	5080	69	4782	0	4531	4745	-1364	13312	11	13323	2434	15757	49.97
24	4529	116	352	4997	67	4837	0	4520	5408	-1273	14036	11	14047	2337	16384	49.97
MUs	114.10	10.58	7.13	131.81	4.27	125.58	0.99	111.16	117.71	-27.00	353.36	0.43	353.79	59.90	413.70	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 01/Dec/2015

Position as on 6.30 Hrs of 02/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		Continued.	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	Uran Unit 5	108	29/11/2015	14.45	01/12/2015	21.44	Gas shortage	
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		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 02/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	30/11/2015	17.22	01/12/2015	07.06	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/11/2015	20.20	01/12/2015	07.13	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/12/2015	18.09	02/12/2015	06.17	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	01/12/2015	20.08	02/12/2015	06.26	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	30/11/2015	16.37	01/12/2015	08.43	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/11/2015	17.10	01/12/2015	09.05	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/11/2015	17.42	01/12/2015	09.55	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/11/2015	22.06	01/12/2015	08.47	HT	Over Voltage
Khadka- Deepnagar Ckt 2	IntraState	01/12/2015	08.40	01/12/2015	19.34	PO	Isolar Maint. Work.
Akola II - Akola I Ckt-II	IntraState	01/12/2015	11.17	01/12/2015	13.49	EO	Wave Trap Checking Due To Chattering Sound.
karad -kolhapur-II	IntraState	01/12/2015	16.21		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	01/12/2015	16.25		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/12/2015	16.34		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
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).
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).
Pophli Pedhmbe Line- 2	IntraState	30/11/2015	17.59		Continued.	T	Tripped due to Y ph bus couper ct brust at pedambe
Chalisgaon -Babhaleshwar	IntraState	30/11/2015	18.01	01/12/2015	04.23	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	01/12/2015	04.02	01/12/2015	04.27	T	Distance Protection
Karad - Vita Ckt- II	IntraState	01/12/2015	08.57	01/12/2015	17.06	PO	Insulator Replacement Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/110kv 100MVA ICT-II @Miraj	IntraState	01/12/2015	10.55	01/12/2015	17.15	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Paras-Akot	IntraState	29/11/2015	21.40		Continued.	T	B Phase PT Burst and caught Fire

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