

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Dec/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.573	1774.659	1) Gujrat	-2.412	6.681
2) Hydro	8.537	128.178	2) Madhya Pradesh	3.891	103.058
3) Gas	3.697	123.127	3) Chattisgarh	3.600	76.710
Total MSPGCL	147.807	2025.964	4) Maharashtra Net	82.609	1238.089
B) 1) APML	51.839	759.608	5) Goa (Amona)	-0.538	-7.942
2) JSWEL	23.879	339.722	6) TAPS 1&2 Injection	3.702	53.783
3) VIPL	10.475	136.514	7) RGPPL Injection	6.122	94.129
4) RPL(AMT)	24.639	318.362	8) Pench (MS)	0.128	2.914
5) WPCL	5.841	81.519	9) Pench (Excess)	-0.128	-2.914
6) Other IPP	10.683	165.358	Total	96.846	1561.594
C) 1) TPCL Thermal	14.956	218.455	a) Mumbai Schedule	17.031	279.479
2) TPCL Hydro	3.727	39.239	b) Mumbai Drawl	23.131	364.363
3) TPCL Gas	2.420	47.509	c) MSEDCL Bilateral *	25.466	389.616
4) R-INFRA Thermal	10.120	153.894	Include PX	-3.348	-17.270
D) STATE			d) Mumbai Bilateral *	17.031	279.479
1) Thermal	288.005	3948.091	Include PX	0.407	14.131
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.264	167.417	H) ENERGY CATERED (MUs)		
3) Gas	6.117	170.636	1) MSEDCL	353.883	5130.973
4) Wind	3.762	89.652	2) Mumbai Discoms	54.351	823.454
6) SOLAR	1.243	17.043	TOTAL STATE	408.234	5954.427
TOTAL STATE	311.391	4392.839			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5830	5860	5766	5648
MSPGCL Hydro	973	477	294	135
MSPGCL Gas	138	139	145	156
MSPGCL Total Generation	6941	6476	6205	5939
Central Sector Receipt	4843	4611	4153	2938
WIND	45	34	73	281
CPP / IPP	5708	5971	5755	4426
SOLAR	163	187	0	0
Exchange with Mumbai	-1034	-1134	-1263	-500
MSEDCL DEMAND MET	16666	16145	14923	13084
Load Shedding	21	21	13	17
MSEDCL DEMAND	16687	16166	14936	13101
TPCL GENERATION	1173	1131	1094	609
R-INFRA GENERATION	515	508	405	403
MUMBAI DEMAND	2722	2773	2762	1512
STATE DEMAND MET	19388	18918	17685	14596
STATE DEMAND	19409	18939	17698	14613
Frequency (Hz)	49.89	49.88	49.91	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 23:58 Hrs	49.67 Hz at 19:47 Hrs	49.91	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 15/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	1.67	41.61	125	0
Unit 6	0.00	0.00	0	0
Unit 7	3.86	36.16	175	130
Total	5.54	77.77		
Bhusawal				
Unit 2	2.46	60.00	190	0
Unit 3	4.08	61.60	180	155
Unit 4	11.18	157.04	500	410
Unit 5	9.98	158.35	500	335
Total	27.71	436.99		
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	3.04	44.40	131	122
Unit 3	4.30	64.52	200	163
Unit 4	4.52	66.00	203	175
Unit 5	9.28	141.19	410	365
Unit 6	9.04	28.00	425	345
Unit 7	10.03	148.12	435	393
Total	40.22	492.23		
Paras				
Unit 3	5.27	69.99	250	205
Unit 4	4.52	69.42	212	154
Total	9.79	139.41		
Khaparkhedha				
Unit 1	4.07	57.18	190	160
Unit 2	3.87	56.96	180	135
Unit 3	4.50	56.88	205	178
Unit 4	4.09	43.44	186	164
Unit 5	10.50	144.40	500	376
Total	27.03	358.87		
Nasik				
Unit 3	4.62	37.78	200	185
Unit 4	4.59	62.21	200	180
Unit 5	4.72	69.60	202	191
Total	13.93	169.59		
Uran				
All Units	3.70	123.13	265	136
Total	3.70	123.13		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	2.91	23	0
Total	0.13	2.91		
Koyna				
Stage 1-2	3.16	36.24	380	40
Stage 4	0.38	15.32	220	0
Stage 3	0.76	11.12	80	0
Total	4.30	62.68		
Hydro				
KDPH	0.88	9.33	37	36
VTRNA	0.55	8.27	61	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.06	0.73	3	2
BHIRA T.R.	0.13	2.12	40	0
RNGR+BHTSA	0.26	3.52	13	0
BHANDARDRA	0.48	7.48	44	10
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.72	11.59	37	27
GHATGHAR	1.16	18.89	250	0
Total	4.24	65.50		
Wind				
Total	3.76	89.65	0	0
Total	3.76	89.65		
CPP				
APML(Mus)	51.84	759.61	0	0
JSWEL(Mus)	23.88	339.72	0	0
VIPL(Mus)	10.48	136.51	0	0
RPLAMT(Mus)	24.64	318.36	0	0
WPCL(Mus)	5.84	81.52	0	0
Other(Mus)	10.68	165.36	0	0
Total	127.36	1801.08		
SOLAR				
Total	1.24	17.04	0	0
Total	1.24	17.04		
Tata				
Trombay 5	9.51	136.89	472	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.33	28.14	61	49
Trombay 7B	1.09	19.36	49	40
Trombay 8	5.45	81.56	251	200
TATA Hydro	3.73	39.24	354	0
Total	21.10	305.20		
R-INFRA				
1-2	10.12	153.89	515	402
Total	10.12	153.89		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	135.57	1774.66
MSPGCL Thml+Gas	139.27	1897.79

Koradi 8	11.36	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.54	128.18
MSPGCL Total	147.81	2025.96

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.54	51.57
State Total	311.39	4392.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	5647	140	146	5933	207	4081	0	3295	3852	-714	13359	19	13378	1769	15147	49.94
2	5631	130	146	5907	302	4271	0	3574	3471	-629	13322	11	13333	1637	14970	49.99
3	5646	135	146	5927	303	4472	0	3419	3174	-546	13330	17	13347	1558	14905	50.00
4	5648	135	156	5939	281	4426	0	3235	2938	-500	13084	17	13101	1512	14613	49.95
5	5629	145	147	5921	280	4452	0	3266	3204	-506	13351	17	13368	1518	14886	49.99
6	5620	130	158	5908	334	4475	0	3752	4536	-610	14643	21	14664	1624	16288	49.95
7	5645	360	148	6153	341	4742	0	4450	4442	-723	14955	21	14976	1795	16771	49.90
8	5802	581	157	6540	329	5084	13	4615	4518	-581	15903	21	15924	1918	17842	49.91
9	5774	543	159	6476	177	5464	64	4706	4750	-865	16066	21	16087	2205	18292	49.90
10	5669	682	146	6497	79	5860	136	4721	4598	-950	16220	21	16241	2531	18772	49.86
11	5830	973	138	6941	45	5708	163	4768	4843	-1034	16666	21	16687	2722	19409	49.89
12	5825	924	141	6890	45	5802	180	4812	4725	-1086	16556	21	16577	2776	19353	49.86
13	5860	477	139	6476	34	5971	187	4821	4611	-1134	16145	21	16166	2773	18939	49.88
14	5683	137	137	5957	32	5940	185	4752	4401	-1063	15452	23	15475	2677	18152	49.89
15	5532	496	136	6164	36	5770	157	4744	4980	-1193	15914	13	15927	2715	18642	49.88
16	5583	465	139	6187	61	5747	107	4630	4724	-1148	15678	13	15691	2713	18404	49.88
17	5579	310	140	6029	81	5754	45	4429	4683	-1160	15432	13	15445	2716	18161	49.86
18	5692	249	137	6078	69	5738	6	3483	3713	-1256	14348	13	14361	2697	17058	49.91
19	5766	294	145	6205	73	5755	0	4405	4153	-1263	14923	13	14936	2762	17698	49.91
20	5667	235	153	6055	88	5722	0	4562	4192	-1368	14689	13	14702	2660	17362	49.82
21	5508	315	145	5968	181	5577	0	3977	3995	-1375	14346	13	14359	2499	16858	49.88
22	5464	358	170	5992	109	5618	0	2851	3080	-1265	13534	13	13547	2353	15900	49.93
23	5476	177	203	5856	121	5664	0	2760	2410	-1158	12893	13	12906	2188	15094	49.94
24	5397	146	265	5808	154	5262	0	3168	2853	-1004	13073	13	13086	2036	15122	49.99
MUs	135.57	8.54	3.70	147.81	3.76	127.36	1.24	97.20	96.85	-23.13	353.88	0.40	354.28	54.35	408.64	49.91

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 15/Dec/2015

Position as on 6.30 Hrs of 16/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	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	Adani U-5	660	22/11/2015	08.55	15/12/2015	06.58	Leakage tube oil system	
MSPGCL	Uran Unit B0	120	09/12/2015	12.34		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	09/12/2015	12.42		Continued.	Gas shortage	
IPP	RPL(AMT) U-5	270	12/12/2015	21.29	15/12/2015	01.23	Cooling Water Line Leakage.	
IPP	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
MSPGCL	Uran Unit 6	108	14/12/2015	16.35	15/12/2015	20.53	Gas shortage	
MSPGCL	Koradi Unit 5	200	15/12/2015	08.56	15/12/2015	18.34	ID Fan Problem	
IPP	RPL(AMT) U-4	270	15/12/2015	09.59	15/12/2015	12.26	Boiler Auxiliary supply failure	
MSPGCL	Bhusawal Unit 2	210	15/12/2015	14.00		Continued.	Attending B ph CT Hot spot of GT2	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 16/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	14/12/2015	17.35	15/12/2015	07.02	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/12/2015	22.19	15/12/2015	07.07	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	15/12/2015	10.15	15/12/2015	19.20	PO	commissioning of line reactor at A'bad end
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	15/12/2015	10.45	15/12/2015	20.02	PO	Replacement of Wavetrap Jumper
Kolhapur Solapur(PG) I	InterState	15/12/2015	11.42	15/12/2015	13.07	T	While plcc work
Dhule Sar'Sarovar I	InterState	15/12/2015	19.16		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/12/2015	21.38	16/12/2015	06.23	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-II	IntraState	10/12/2015	06.37		Continued.	PO	Line Rectification work(RFC 17.27Hrs)
Karad - Lonikand 1	IntraState	12/12/2015	10.02		Continued.	PO	Insulator Disc Replacement.
karad -kolhapur-I	IntraState	14/12/2015	16.35	15/12/2015	09.16	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/12/2015	16.38	15/12/2015	09.19	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/12/2015	17.35	15/12/2015	06.58	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/12/2015	21.57	15/12/2015	07.13	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	14/12/2015	22.07	15/12/2015	00.25	EO	Brekar pole to ips tube connection
New Koyna - Dabhol - li	IntraState	15/12/2015	09.19	15/12/2015	19.58	PO	CT oil leakage at dabhol end
TBC @ chandrapur	IntraState	15/12/2015	15.00	15/12/2015	16.57	PO	CRM WORK
karad -kolhapur-II	IntraState	15/12/2015	16.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	15/12/2015	16.29		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/12/2015	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
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	15/12/2015	05.28	15/12/2015	09.28	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	14/12/2015	09.21		Continued.	PO	Insulator Replacement Work
Nasik Navsari II	InterState	14/12/2015	09.38		Continued.	PO	Insulator Replacement Work
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.
Wadkhali - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Parvati - Hybrid Pass	IntraState	15/12/2015	09.24	15/12/2015	16.53	HT	control urse-chinchwad line loading
Osmanabad - Solapur (Bale)	IntraState	15/12/2015	09.29	15/12/2015	16.17	T	conductor stringing
Solapur(Bale) - Tuljapur	IntraState	15/12/2015	09.29	15/12/2015	16.51	PO	conductor stringing
Kadegaon-Miraj	IntraState	15/12/2015	10.04	15/12/2015	13.41	PO	Annual Maintenance Work
Uran - Apta III	IntraState	15/12/2015	10.29	15/12/2015	14.52	PO	Testing Work
Hinjawadi I- Chinchwad	IntraState	15/12/2015	11.10	15/12/2015	16.19	HT	control urse-chinchwad line loading
Miraj - Tilwani	IntraState	15/12/2015	14.58	15/12/2015	18.22	PO	Annual Maintenance Work
Bapgaon - Kalwa	IntraState	15/12/2015	15.34	15/12/2015	20.09	HT	opening of wave trap jumper at kalwa
Nagar-Babhaleshwar Ckt II	IntraState	15/12/2015	21.02	15/12/2015	21.17	T	Distance Protection

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 15/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 16/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Theur-Jejuri	IntraState	16/12/2015	05.00		Continued.	T	Distance Protection
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							
Indapur-Ujani	IntraState	15/12/2015	22.55	15/12/2015	23.05	T	Distance Protection