

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Dec/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.733	1115.831	1) Gujrat	-3.093	15.067
2) Hydro	7.293	91.313	2) Madhya Pradesh	6.752	72.046
3) Gas	7.265	91.415	3) Chattisgarh	5.660	54.720
Total MSPGCL	136.291	1298.559	4) Maharashtra Net	84.668	824.960
B) 1) APML	51.171	510.585	5) Goa (Amona)	-0.536	-5.374
2) JSWEL	22.947	224.785	6) TAPS 1&2 Injection	3.576	35.589
3) VIPL	6.045	104.230	7) RGPPL Injection	6.401	63.031
4) RPL(AMT)	23.181	213.521	8) Pench (MS)	0.130	2.220
5) WPCL	5.715	53.961	9) Pench (Excess)	-0.130	-2.220
6) Other IPP	12.545	110.321	Total	103.298	1057.819
C) 1) TPCL Thermal	15.069	146.893	a) Mumbai Schedule	24.064	201.327
2) TPCL Hydro	3.819	25.170	b) Mumbai Drawl	24.623	254.736
3) TPCL Gas	2.348	36.368	c) MSEDCL Bilateral *	25.278	258.100
4) R-INFRA Thermal	10.658	104.185	Include PX	-2.626	-7.097
D) STATE			d) Mumbai Bilateral *	24.064	201.327
1) Thermal	269.064	2584.312	Include PX	1.947	3.825
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.112	116.483	H) ENERGY CATERED (MUs)		
3) Gas	9.613	127.783	1) MSEDCL	342.165	3400.788
4) Wind	4.547	70.585	2) Mumbai Discoms	56.517	567.349
6) SOLAR	1.048	11.158	TOTAL STATE	398.682	3968.137
TOTAL STATE	295.384	2910.321			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5322	5345	5023	4666
MSPGCL Hydro	510	288	326	136
MSPGCL Gas	299	278	303	311
MSPGCL Total Generation	6131	5911	5652	5113
Central Sector Receipt	5218	4878	5388	3179
WIND	58	47	202	251
CPP / IPP	5610	5651	5275	4467
SOLAR	188	167	0	0
Exchange with Mumbai	-1154	-1115	-1394	-606
MSEDCL DEMAND MET	16051	15539	15123	12404
Load Shedding	72	69	13	18
MSEDCL DEMAND	16123	15608	15136	12422
TPCL GENERATION	1190	1223	1003	622
R-INFRA GENERATION	516	517	400	401
MUMBAI DEMAND	2860	2855	2797	1629
STATE DEMAND MET	18911	18394	17920	14033
STATE DEMAND	18983	18463	17933	14051
Frequency (Hz)	49.94	49.91	49.92	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 23.59 Hrs	49.74 Hz at 07.33 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 10/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.88	28.47	125	115
Unit 6	0.00	0.00	0	0
Unit 7	3.59	17.87	168	130
Total	6.46	46.34		
Bhusawal				
Unit 2	4.27	40.89	190	165
Unit 3	4.19	40.78	180	165
Unit 4	11.06	105.06	505	410
Unit 5	11.12	106.92	510	425
Total	30.64	293.66		
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	2.95	29.32	128	114
Unit 3	4.24	42.98	201	129
Unit 4	4.37	43.90	198	172
Unit 5	9.36	94.75	425	360
Unit 6	0.00	0.00	0	0
Unit 7	9.93	98.42	440	385
Total	30.84	309.36		
Paras				
Unit 3	4.57	48.94	208	156
Unit 4	5.40	43.55	255	171
Total	9.97	92.49		
Khaparkheda				
Unit 1	4.14	37.68	185	160
Unit 2	3.94	37.58	180	135
Unit 3	3.15	35.21	189	0
Unit 4	1.03	23.68	161	0
Unit 5	9.96	94.23	490	367
Total	22.21	228.38		
Nasik				
Unit 3	4.56	15.27	195	180
Unit 4	4.60	39.62	200	183
Unit 5	4.60	46.35	196	182
Total	13.76	101.24		
Uran				
All Units	7.26	91.42	332	278
Total	7.26	91.42		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	2.22	30	0
Total	0.13	2.22		
Koyna				
Stage 1-2	2.28	24.27	380	40
Stage 4	0.12	13.56	100	0
Stage 3	0.39	8.31	80	0
Total	2.78	46.13		
Hydro				
KDPH	0.59	6.39	37	18
VTRNA	0.50	5.45	61	0
TILLARI	0.18	1.93	62	0
BHTGR/VEER	0.06	0.43	3	2
BHIRA T.R.	0.19	1.27	40	0
RNGR+BHTSA	0.12	2.20	13	0
BHANDARDRA	0.49	4.98	45	10
ELDARY	0.25	1.30	11	10
SMLHY_PTN	0.80	7.35	40	30
GHATGHAR	1.33	13.88	125	0
Total	4.52	45.18		
Wind				
Total	4.55	70.58	0	0
Total	4.55	70.58		
CPP				
APML(Mus)	51.17	510.58	0	0
JSWEL(Mus)	22.95	224.78	0	0
VIPL(Mus)	6.04	104.23	0	0
RPLAMT(Mus)	23.18	213.52	0	0
WPCL(Mus)	5.72	53.96	0	0
Other(Mus)	12.54	110.32	0	0
Total	121.60	1217.40		
SOLAR				
Total	1.05	11.16	0	0
Total	1.05	11.16		
Tata				
Trombay 5	9.39	92.01	471	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.29	22.03	60	49
Trombay 7B	1.06	14.33	48	41
Trombay 8	5.68	54.89	249	199
TATA Hydro	3.82	25.17	415	17
Total	21.24	208.43		
R-INFRA				
1-2	10.66	104.18	518	397
Total	10.66	104.18		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	121.73	1115.83
MSPGCL Thml+Gas	129.00	1207.25

Koradi 8	7.84	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.29	91.31
MSPGCL Total	136.29	1298.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.39	37.83
State Total	295.38	2910.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4635	153	310	5098	174	4782	0	3623	3403	-904	12553	19	12572	1978	14550	49.99
2	4667	134	312	5113	165	4679	0	3673	3289	-762	12484	12	12496	1805	14301	49.99
3	4652	129	311	5092	188	4505	0	3894	3517	-667	12635	18	12653	1692	14345	50.00
4	4666	136	311	5113	251	4467	0	3856	3179	-606	12404	18	12422	1629	14051	50.00
5	4681	136	313	5130	270	4506	0	3720	3506	-596	12816	18	12834	1623	14457	49.96
6	4748	176	312	5236	283	4590	0	3899	4201	-696	13614	22	13636	1721	15357	49.98
7	4860	483	312	5655	312	4960	3	4495	4349	-794	14485	22	14507	1862	16369	49.93
8	5263	437	309	6009	237	5373	20	4874	4606	-657	15588	45	15633	1991	17624	49.90
9	5278	284	332	5894	128	5502	63	4988	4881	-828	15640	22	15662	2285	17947	49.94
10	5314	491	293	6098	118	5594	119	5146	5205	-1006	16128	67	16195	2571	18766	49.93
11	5313	533	298	6144	81	5678	146	5270	5206	-1204	16051	72	16123	2836	18959	49.98
12	5322	510	299	6131	58	5610	188	5210	5218	-1154	16051	72	16123	2860	18983	49.94
13	5345	288	278	5911	47	5651	167	5165	4878	-1115	15539	69	15608	2855	18463	49.91
14	5363	175	291	5829	49	5588	129	5233	5097	-1136	15556	70	15626	2758	18384	50.03
15	5291	132	299	5722	91	5602	126	5262	5144	-1183	15502	60	15562	2783	18345	49.95
16	5330	286	282	5898	99	5618	59	5267	4436	-1168	14942	13	14955	2804	17759	49.96
17	5310	261	283	5854	163	5562	25	4999	5016	-1157	15463	13	15476	2790	18266	49.91
18	5017	276	292	5585	150	5275	3	4267	4332	-1390	13955	13	13968	2749	16717	49.88
19	5023	326	303	5652	202	5275	0	4797	5388	-1394	15123	13	15136	2797	17933	49.92
20	5091	298	310	5699	266	5126	0	5037	4664	-1451	14304	13	14317	2738	17055	49.98
21	5147	325	295	5767	291	4679	0	4585	3813	-1354	13196	13	13209	2594	15803	49.98
22	5098	538	304	5940	287	4388	0	3542	3532	-1257	12890	13	12903	2413	15316	49.99
23	5155	519	307	5981	290	4304	0	3116	3192	-1128	12639	13	12652	2263	14915	49.97
24	5164	267	309	5740	347	4292	0	3608	3247	-1016	12610	13	12623	2120	14743	50.02
MUs	121.73	7.29	7.26	136.29	4.55	121.60	1.05	107.53	103.30	-24.62	342.17	0.72	342.89	56.52	399.41	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 10/Dec/2015

Position as on 6.30 Hrs of 11/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	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	Khaparkheda Unit 4	210	08/12/2015	17.38	10/12/2015	15.42	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	08/12/2015	19.53	10/12/2015	05.10	Air heater problem	
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	VIPL U-2	300	09/12/2015	23.51		Continued.	Inspection and Testing of U -2 Boiler	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 11/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							
Karad Solapur (PG)	InterState	09/12/2015	15.39	10/12/2015	07.06	EO	Hot Spot (RFC 18.58Hrs)
Dhule Sar'Sarovar I	InterState	09/12/2015	19.03	10/12/2015	06.26	HT	Over Voltage
Koradi Satpur	InterState	10/12/2015	09.36	10/12/2015	10.31	PO	Testing Work
Dhule Sar'Sarovar I	InterState	10/12/2015	18.10	11/12/2015	06.31	HT	Over Voltage
Padgha Tarapur I	InterState	10/12/2015	19.52	10/12/2015	20.58	T	Bus Fault at Padgha
Kolhapur Solapur(PG) I	InterState	10/12/2015	22.09	11/12/2015	06.39	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	10/12/2015	06.36	PO	Testing Work,RFC @ 17.40 Hrs.
Bhusawal-Aurangabad	IntraState	09/12/2015	17.05	10/12/2015	06.22	HT	Over Voltage
karad -kolhapur-II	IntraState	09/12/2015	17.22	10/12/2015	10.13	HT	Over Voltage
Karad-Jaigad - I	IntraState	09/12/2015	20.38	10/12/2015	10.58	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/12/2015	22.02	10/12/2015	09.11	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	10/12/2015	06.37		Continued.	PO	Line Rectification work(RFC 17.27Hrs)
Babhaleshwar - Padghe-I	IntraState	10/12/2015	09.02	10/12/2015	23.18	PO	Insulator replacement work, At 19.52Hrs while taking in service at Padghe Y Phase pole Burst(taken through TBC)
karad -kolhapur-I	IntraState	10/12/2015	16.24		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	10/12/2015	16.34		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/12/2015	18.53	11/12/2015	06.23	HT	Over Voltage
Padghe - Kalwa- I	IntraState	10/12/2015	19.52	10/12/2015	20.23	T	Bus fault at Padgha
Padghe - Kharghar	IntraState	10/12/2015	19.52	10/12/2015	20.32	T	Bus Fault at Padgha
Padghe - Nagothane - II	IntraState	10/12/2015	19.52	10/12/2015	20.26	T	Bus Fault at Padgha
Lonikand I - Koyna stage-IV	IntraState	10/12/2015	21.52		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	11/12/2015	05.31		Continued.	EO	Hot Spot at Kalwa end
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 Kv 500 Mva ICT- I @Jejuri	IntraState	09/12/2015	21.54	10/12/2015	02.54	EO	Annual Maint.and Testing work
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	10/12/2015	17.47	10/12/2015	19.14	EO	Attending Oil Leakage
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	10/12/2015	19.52	10/12/2015	20.14	T	Bus fault at Padgha
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	10/12/2015	19.52	10/12/2015	23.49	T	Bus Fault at Padgha
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 I	InterState	10/12/2015	08.53	10/12/2015	17.24	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.
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)

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 10/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 11/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of 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).
Magar Patta City- Serum	IntraState	10/12/2015	09.23	10/12/2015	14.32	PO	Half yearly maintenance work
Kharepatan -Pawas Line	IntraState	10/12/2015	10.15	10/12/2015	15.40	PO	Relay Testing work
Apta - Tambati	IntraState	10/12/2015	10.54	10/12/2015	18.37	PO	Quarterly Maintainance Work
Nanded - Parli Ext. Ckt I	IntraState	10/12/2015	10.54	10/12/2015	14.25	PO	Tightening of Loose Jumper Cone Nut Bolt
Deepnagar Amalner	IntraState	10/12/2015	12.06	10/12/2015	16.45	PO	String replacement work
Pusad - Hingoli	IntraState	10/12/2015	12.13	10/12/2015	15.21	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
100 KV LINE Outages/Trippings							
Padghe - Mohane	IntraState	10/12/2015	19.52	10/12/2015	20.33	T	Bus Fault at Padgha
Padghe - Murbad 1	IntraState	10/12/2015	19.52	10/12/2015	20.34	T	Bus Fault at Padgha
Padghe - Murbad 2	IntraState	10/12/2015	19.52	10/12/2015	20.34	T	Bus Fault at Padgha
Padghe - Ambernath	IntraState	10/12/2015	19.52	10/12/2015	20.32	T	Bus Fault at Padgha

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