

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Dec/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.564	440.725	1) Gujrat	3.043	18.591
2) Hydro	8.326	46.832	2) Madhya Pradesh	8.453	30.167
3) Gas	8.819	32.530	3) Chattisgarh	5.630	20.920
Total MSPGCL	124.709	520.087	4) Maharashtra Net	84.959	348.782
B) 1) APML	53.610	214.424	5) Goa (Amona)	-0.624	-2.302
2) JSWEL	22.420	90.211	6) TAPS 1&2 Injection	3.556	14.193
3) VIPL	11.348	45.863	7) RGPPL Injection	6.308	25.246
4) RPL(AMT)	21.659	90.218	8) Pench (MS)	0.132	0.819
5) WPCL	4.983	21.091	9) Pench (Excess)	-0.132	-0.819
6) Other IPP	10.595	43.147	Total	111.193	454.778
C) 1) TPCL Thermal	14.600	60.617	a) Mumbai Schedule	19.198	86.409
2) TPCL Hydro	2.576	11.500	b) Mumbai Drawl	26.610	106.256
3) TPCL Gas	3.786	15.874	c) MSEDCL Bilateral *	25.192	92.142
4) R-INFRA Thermal	10.707	43.332	Include PX	-0.425	-1.807
D) STATE			d) Mumbai Bilateral *	19.198	86.409
1) Thermal	257.486	1049.628	Include PX	0.173	0.843
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.902	58.332	H) ENERGY CATERED (MUs)		
3) Gas	12.605	48.404	1) MSEDCL	339.496	1392.804
4) Wind	4.448	15.070	2) Mumbai Discoms	58.279	237.578
6) SOLAR	1.141	4.171	TOTAL STATE	397.775	1630.382
TOTAL STATE	286.582	1175.605			

* 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 23 Hrs
MSPGCL Thermal	4835	4813	4303	3886
MSPGCL Hydro	844	373	660	176
MSPGCL Gas	304	401	444	445
MSPGCL Total Generation	5983	5587	5407	4507
Central Sector Receipt	4757	4635	5125	4327
WIND	139	113	241	460
CPP / IPP	5893	5917	5058	4460
SOLAR	153	180	0	0
Exchange with Mumbai	-1268	-1265	-1522	-1233
MSEDCL DEMAND MET	15657	15167	14309	12521
Load Shedding	20	20	12	12
MSEDCL DEMAND	15677	15187	14321	12533
TPCL GENERATION	1081	1163	978	653
R-INFRA GENERATION	516	516	398	402
MUMBAI DEMAND	2865	2944	2898	2288
STATE DEMAND MET	18522	18111	17207	14809
STATE DEMAND	18542	18131	17219	14821
Frequency (Hz)	50.00	50.00	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 22.00 Hrs	49.78 Hz at 00.05 Hrs	49.97	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 04/Dec/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.80	11.22	120	110
Unit 6	0.00	0.00	0	0
Unit 7	0.00	5.73	0	0
Total	2.80	16.95		
Bhusawal				
Unit 2	4.06	16.44	190	145
Unit 3	4.14	16.24	185	150
Unit 4	10.25	43.20	500	305
Unit 5	10.50	44.02	500	310
Total	28.95	119.90		
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	2.88	12.16	133	92
Unit 3	4.38	17.66	205	172
Unit 4	4.48	17.85	200	174
Unit 5	9.64	39.20	420	385
Unit 6	0.00	0.00	0	0
Unit 7	9.74	39.99	430	374
Total	31.12	126.86		
Paras				
Unit 3	5.21	19.70	232	202
Unit 4	5.46	22.25	257	200
Total	10.67	41.95		
Khaparkheda				
Unit 1	3.28	14.32	150	120
Unit 2	3.45	14.22	170	125
Unit 3	3.79	15.74	170	145
Unit 4	3.41	13.94	167	0
Unit 5	8.75	36.22	391	330
Total	22.68	94.43		
Nasik				
Unit 3	2.38	4.12	195	0
Unit 4	4.25	17.80	192	164
Unit 5	4.65	18.64	203	186
Total	11.28	40.56		
Uran				
All Units	8.82	32.53	446	296
Total	8.82	32.53		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	0.82	34	0
Total	0.13	0.82		
Koyna				
Stage 1-2	1.74	11.67	260	40
Stage 4	2.03	12.28	416	0
Stage 3	0.95	4.86	160	0
Total	4.72	28.81		
Hydro				
KDPH	0.44	2.84	19	18
VTRNA	0.54	2.17	61	0
TILLARI	0.36	1.23	63	0
BHTGR/VEER	0.06	0.10	3	2
BHIRA T.R.	0.18	0.60	40	0
RNGR+BHTSA	0.25	0.98	14	0
BHANDARDRA	0.47	2.01	29	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	2.79	37	26
GHATGHAR	0.60	5.31	197	0
Total	3.61	18.02		
Wind				
Total	4.45	15.07	0	0
Total	4.45	15.07		
CPP				
APML(Mus)	53.61	214.42	0	0
JSWEL(Mus)	22.42	90.21	0	0
VIPL(Mus)	11.35	45.86	0	0
RPLAMT(Mus)	21.66	90.22	0	0
WPCL(Mus)	4.98	21.09	0	0
Other(Mus)	10.60	43.15	0	0
Total	124.62	504.95		
SOLAR				
Total	1.14	4.17	0	0
Total	1.14	4.17		
Tata				
Trombay 5	9.21	38.52	470	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.31	9.78	115	74
Trombay 7B	1.48	6.09	68	54
Trombay 8	5.39	22.09	251	199
TATA Hydro	2.58	11.50	309	4
Total	20.96	87.99		
R-INFRA				
1-2	10.71	43.33	518	398
Total	10.71	43.33		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	107.56	440.72
MSPGCL Thml+Gas	116.38	473.26

Koradi 8	0.07	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.33	46.83
MSPGCL Total	124.71	520.09

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.77	23.95
State Total	286.58	1175.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4429	105	296	4830	115	4587	0	4616	4695	-998	13229	24	13253	2061	15314	49.91
2	4386	97	297	4780	122	4730	0	4626	4453	-812	13273	12	13285	1876	15161	49.96
3	4393	97	307	4797	118	4699	0	4532	4183	-723	13074	16	13090	1785	14875	49.98
4	4406	102	308	4816	143	4661	0	4436	4274	-647	13247	16	13263	1711	14974	50.00
5	4436	97	298	4831	172	4680	0	4562	4193	-639	13237	16	13253	1709	14962	49.99
6	4492	97	298	4887	199	4816	0	4794	4754	-716	13940	20	13960	1790	15750	49.95
7	4663	181	299	5143	210	5164	0	4852	5125	-758	14884	20	14904	1938	16842	49.90
8	4709	738	298	5745	179	5552	17	4840	4807	-690	15610	83	15693	2057	17750	49.92
9	4727	784	302	5813	135	5663	66	4931	4862	-889	15650	41	15691	2284	17975	49.98
10	4824	896	306	6026	136	5746	116	4977	4746	-1140	15630	20	15650	2698	18348	49.99
11	4835	844	304	5983	139	5893	153	4987	4757	-1268	15657	20	15677	2865	18542	50.00
12	4785	728	348	5861	141	5932	162	4981	4461	-1280	15277	20	15297	2948	18245	49.99
13	4813	373	401	5587	113	5917	180	4985	4635	-1265	15167	20	15187	2944	18131	50.00
14	4768	186	424	5378	92	5775	147	5006	4535	-1170	14757	20	14777	2853	17630	50.04
15	4634	241	417	5292	87	5447	140	5010	5069	-1232	14803	12	14815	2882	17697	49.96
16	4571	470	432	5473	81	5475	106	5011	5135	-1210	15060	12	15072	2921	17993	49.94
17	4579	189	428	5196	102	5628	44	5016	4562	-1316	14216	12	14228	2904	17132	49.95
18	4518	143	423	5084	175	5177	10	4688	4481	-1532	13395	12	13407	2856	16263	49.95
19	4303	660	444	5407	241	5058	0	5041	5125	-1522	14309	12	14321	2898	17219	49.98
20	4261	542	427	5230	223	5303	0	5034	4785	-1549	13992	12	14004	2784	16788	49.96
21	4164	252	446	4862	218	5131	0	5007	4509	-1517	13203	12	13215	2607	15822	49.99
22	4050	185	433	4668	332	4722	0	4610	4358	-1374	12706	12	12718	2434	15152	50.04
23	3886	176	445	4507	460	4460	0	4406	4327	-1233	12521	12	12533	2288	14821	49.99
24	3932	143	438	4513	515	4399	0	4322	4362	-1130	12659	12	12671	2186	14857	50.00
MUs	107.56	8.33	8.82	124.71	4.45	124.62	1.14	115.27	111.19	-26.61	339.50	0.47	339.96	58.28	398.24	49.97

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 04/Dec/2015

Position as on 6.30 Hrs of 05/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	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 04/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 05/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							
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-Jaigad - I	IntraState	02/12/2015	16.41		Continued.	HT	Over Voltage
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 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.
Wadkhali - 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).
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 - Bhavghar	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							
Paras-Akot	IntraState	03/12/2015	02.35	04/12/2015	00.28	T	Distance Protection
Anjangaon - Akot	IntraState	05/12/2015	03.32	05/12/2015	03.55	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 04/Dec/2015

Statement-VII

Position as on 6.30 Hrs of 05/Dec/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Paras-Akot	IntraState	05/12/2015	03.32	05/12/2015	4.05	T	Distance Protection