



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

02/Dec/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Dec/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.791	243.746	1) Madhya Pradesh	58.645	119.615
2) Hydro	11.144	19.855	2) Gujrat	13.642	26.969
3) Gas	15.512	31.005	3) Goa	-6.260	-12.896
Total MSGENCO	148.447	294.606	4) TAPS 1&2 (Inj.)	7.753	15.318
B) OTHERS			5) Pench (Excess)	-0.274	-0.426
1) RGPPL Gas	35.750	71.720	# Total Cent. Sector	73.506	148.580
2) Wind Generation	2.355	4.788	F) Other Exchanges		
3) CPP / IPP	6.775	16.267	1) With TPCL (Excess)	-16.590	-32.671
4) PENCH (MS)	0.274	0.426	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	-2.474	-4.948
1) TPCL Thermal	25.641	51.795	Include PX	0.000	0.000
2) TPCL Hydro	3.617	7.401	2) MUMBAI Bilateral	17.086	33.301
TOTAL TPCL	29.258	59.196	Include PX	8.063	15.285
3) REL Thermal	6.311	12.614	3) MUMBAI Schedule	17.086	33.301
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	153.743	308.155	1) MSEDCL	250.517	503.716
2) Hydro (A2+B3+C2)	15.035	27.682	2) TPCL	36.450	72.619
3) Gas (A3+B1)	51.262	102.725	3) REL	15.707	31.863
4) Wind (B2)	2.355	4.788	TOTAL STATE	302.674	608.198
5) CPP (B3)	6.775	16.267			
TOTAL STATE	229.170	459.617			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5026	5217	4853
MSGENCO Hydro	366	1388	96
MSGENCO Gas	631	637	666
MSGENCO Total Generation	6023	7242	5615
Central Sector Receipt	3495	3230	2449
RGPPL	1515	1485	1434
WIND	81	88	136
CPP / IPP	249	251	408
Exchange with Mumbai	-798	-840	-382
MSEDCL DEMAND MET	10591	11483	9660
Load Shedding	3098	3588	0
MSEDCL DEMAND (INCL. LS)	13689	15071	9660
TPCL GENERATION	1608	1536	842
REL GENERATION	263	262	263
TPCL+REL DEMAND	2669	2638	1487
STATE DEMAND MET	13260	14121	11147
STATE DEMAND (INCL. LS)	16358	17709	11147
Frequency (Hz)	49.65	49.82	50.09
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4370 MW At 19.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			61.21 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 16.01 Hrs	49.19 Hz at 17.41 Hrs	49.88	.1 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 02/Dec/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.56	2.26	79	55	60
Unit 2	0.00	1.47	0	0	0
Unit 3	1.42	2.84	67	45	60
Unit 4	1.41	2.74	65	55	60
Unit 5	3.04	6.20	142	110	120
Unit 6	3.00	5.91	153	100	135
Unit 7	3.04	6.17	140	105	140
	13.49	27.58			575
Bhusawal					
Unit 1	0.81	1.70	45	21	45
Unit 2	4.31	8.50	185	170	180
Unit 3	4.64	8.68	200	185	195
	9.77	18.88			420
Parli					
Unit 1	0.55	1.08	24	20	19
Unit 2	0.48	0.94	22	18	18
Unit 3	4.13	8.23	180	163	172
Unit 4	4.30	8.54	186	169	180
Unit 5	0.00	0.00	0	0	0
Unit 6	4.42	5.92	226	153	160
Unit 7	3.32	7.89	248	92	170
	17.20	32.60			719
Chandrapur					
Unit 1	3.45	7.00	157	130	140
Unit 2	3.20	6.52	148	102	125
Unit 3	4.46	9.20	210	161	200
Unit 4	4.52	9.08	200	163	190
Unit 5	8.88	19.08	385	350	400
Unit 6	9.02	18.78	440	300	360
Unit 7	8.98	18.38	430	286	400
	42.50	88.03			1815
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.92	6.12	202	115	140
Unit 4	3.82	8.08	195	122	140
	7.74	14.20			280
Khaparkheda					
Unit 1	4.85	9.44	210	185	210
Unit 2	4.46	8.63	202	168	195
Unit 3	4.30	8.60	202	155	170
Unit 4	4.15	8.25	184	152	170
	17.77	34.92			745
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	4.55	9.32	205	165	182
Unit 4	4.50	9.28	203	165	192
Unit 5	4.27	8.92	201	154	172
	13.33	27.52			546
Koyna					
Stage 1-2	3.37	6.50	405	35	600
Stage 4	3.55	5.09	743	0	250
Stage 3	1.62	2.55	240	0	320
	8.54	14.13			1170
Kovna 12&4 Total	6.92	11.58			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.51	31.00	667	613	630
		15.51	31.00			630
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.37	0.73	60	0	60
BHTGR/VEER		0.12	0.24	5	5	5
BHIRA T.R.		0.20	0.40	76	0	40
RNGR+BHTSA		0.39	0.80	17	16	17
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.18	0.36	8	2	0
SMLHY PTN		0.58	1.35	33	21	0
GHATGHAR		0.76	1.84	149	0	0
		2.60	5.72			122
PENCH (MS)						
Pench (MS)		0.27	0.43	27	0	
		0.27	0.43			
Wind						
MalharPeth		0.14	0.24			
Vankuswadi		0.36	0.69			
ATIT		0.05	0.08			
Kale		0.15	0.30			
Satara		0.49	0.93			
Shirala		0.13	0.27			
K Mahankal		0.03	0.04			
Supa		0.04	0.10			
Vita		0.57	1.31			
Dondaicha		0.02	0.16			
Sakri		0.00	0.02			
Nandurbar		0.02	0.05			
Khandke		0.36	0.57			
Khaparale		0.01	0.04			
		2.36	4.79			
CPP						
TOTAL CPP		6.78	16.27			
		6.78	16.27			
Dabhol						
RGPPL		35.75	71.72	1525	1430	1554
		35.75	71.72			1554
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.00	22.34	490	350	490
Trombay 6		5.00	10.19	325	150	500
Trombay 7A		2.89	5.78	124	118	120
Trombay 7B		1.60	3.20	68	65	60
Trombay 8		5.14	10.28	253	153	250
TATA Hydro		3.62	7.40	423	0	447
		29.26	59.20			1867
REL						
1&2		6.31	12.61	264	262	250
		6.31	12.61			250
Cent Sect						
Share						3590
						3590
MS PG CL	Thermal	121.79	243.75			5100
	Thml+Gas	137.30	274.75			5730
	Hydro	11.14	19.86			1292
	Total	148.45	294.61			7022
State Total		229.17	459.62			14283

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Dec/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum SCH.	Mum NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	5022	91	659	5772	1436	164	410	2861	2416	-586	-554	9644	0	9644	1710	11354	50.02
2	4851	90	665	5606	1435	153	413	2643	2515	-466	-425	9697	0	9697	1580	11277	50.00
3	4853	96	666	5615	1434	136	408	2571	2449	-393	-382	9660	0	9660	1487	11147	50.09
4	4904	85	667	5656	1434	131	399	2547	2781	-368	-341	10060	0	10060	1447	11507	50.13
5	4857	111	663	5631	1430	131	365	2547	2996	-368	-330	10223	0	10223	1445	11668	49.97
6	4924	212	667	5803	1521	144	254	2786	3060	-392	-379	10403	1031	11434	1536	12970	49.87
7	4971	217	666	5854	1525	142	255	2936	3116	-489	-476	10429	2306	12735	1665	14400	49.86
8	5116	84	652	5852	1506	131	242	2956	2905	-513	-488	10175	2688	12863	1743	14606	49.71
9	5201	169	652	6022	1504	62	271	2932	3056	-610	-573	10369	3065	13434	2049	15483	49.73
10	5185	277	652	6114	1500	72	255	3115	2992	-694	-691	10252	3166	13418	2370	15788	49.72
11	5023	263	637	5923	1513	90	249	3203	3026	-785	-795	10016	3318	13334	2614	15948	49.70
12	5026	366	631	6023	1515	81	249	3311	3495	-809	-798	10591	3098	13689	2669	16358	49.65
13	4975	571	624	6170	1521	49	282	3363	3497	-970	-951	10594	3085	13679	2664	16343	49.80
14	4978	834	616	6428	1520	33	230	3315	3279	-928	-905	10605	2985	13590	2591	16181	49.88
15	5044	1120	613	6777	1512	26	245	3272	3223	-947	-928	10855	2971	13826	2624	16450	49.71
16	5123	1197	620	6940	1513	29	249	3152	3297	-947	-923	11105	2919	14024	2618	16642	49.85
17	5098	1236	630	6964	1511	29	250	3114	3197	-909	-887	11064	2743	13807	2572	16379	49.88
18	5123	1203	638	6964	1499	51	252	3062	3153	-856	-838	11108	3019	14127	2593	16720	49.67
19	5217	1388	637	7242	1485	88	251	3271	3230	-856	-840	11483	3588	15071	2638	17709	49.82
20	5417	835	646	6898	1498	95	248	3398	3116	-904	-880	11001	3736	14737	2625	17362	49.98
21	5379	351	647	6377	1489	102	250	3375	3407	-880	-857	10778	3361	14139	2458	16597	50.05
22	5268	154	651	6073	1482	118	250	3352	3513	-856	-832	10629	2949	13578	2287	15865	49.99
23	5156	99	657	5912	1485	132	248	3179	3193	-856	-835	10135	2591	12726	2164	14890	49.95
24	5080	95	656	5831	1482	166	250	2883	2674	-706	-682	9721	1659	11380	2010	13390	50.13
MUs	121.79	11.14	15.51	148.45	35.75	2.36	6.78	73.14	73.59	-17.09	-16.59	250.60	54.28	304.88	52.16	357.03	49.88

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 02/Dec/2010

Position as on 6.30 Hrs of 03/Dec/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Parli Unit 5	210	19/11/2010	01.05		Continued.	Annual Overhaul	20/12/2010
Cent_Sect NTPC(V-3)	210	23/11/2010	00.20		Continued.	Annual overhaul.	05/12/2010
Nasik Unit 2	125	23/11/2010	00.40		Continued.	Annual Overhaul.	30/12/2010
REL 1	250	24/11/2010	03.55		Continued.	Annual overhaul	18/12/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	15/12/2010
Paras Unit 2	55	16/11/2010	23.00		Continued.	Boiler tube validity expired.	03/12/2010
CPP JSW_JAIGAD	300	25/11/2010	21.35		Continued.	Boiler Tube Leakage.	03/12/2010
Nasik Unit 1	125	26/11/2010	17.50		Continued.	Governig system problem.	03/12/2010
Cent_Sect TARAPUR-4	540	29/11/2010	13.35		Continued.	Testing work.	03/12/2010
Koradi Unit 2	105	01/12/2010	22.28		Continued.	CHP Field problem.	04/12/2010
Koyna Unit 8	80	02/12/2010	07.05	02/12/2010	17.45	R.M.Work	
Koyna Unit 11	80	02/12/2010	08.00		Continued.	Bearing work.	03/12/2010
Cent_Sect NTPC(K-6)	500	02/12/2010	7:44		Continued.	BTL	05/12/2010
Khaparkheda Unit 4	210	03/12/2010	04.47		Continued.	Boiler tube leakage.	05/12/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Dec/2010

Position as on 6.30 Hrs of 03/Dec/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	28/11/2010	16.49	02/12/2010	13.17	Changeover.
Akola - Wardha - II	28/11/2010	18.37		Continued.	Change over
Kolhapur - Mapusa - II	01/12/2010	22.46		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	01/12/2010	23.04	02/12/2010	08.54	Over Voltage.
Dhule - S'Sarovar- II	02/12/2010	17.11		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Lonikand - Chakan	02/12/2010	07.19	02/12/2010	19.00	Tan delta,relay testing work.
Lonikand - Jejuri	02/12/2010	09.16	02/12/2010	12.14	Attending hot spot.
400/220 KV315 MVA ICT-I @ BBLR	02/12/2010	10.46		Continued.	For repl.of 33 KV bushing of R,Y,and B ph.
400/220 KV 500 MVA ICT-I @ Jejuri	02/12/2010	14.02	02/12/2010	21.02	For removing faulty oil pump motor of Y and B ph.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
220/132KV 100MVA ICT-II @ Chalisgaon	08/11/2010	11.10		Continued.	Commissioning of new 200MVA ICT by replacing 100MVA ICT.
220/132 KV 150 MVA ICT - I @ NSK.	10/11/2010	09.40	02/12/2010	16.33	Augmentation of existing 150 MVA ICT by new 200MVA ICT (Up to 09.12.2012)
Kalwa-Mahape	27/11/2010	15.17		Continued.	Strenginging Work of Mumbai System.
Nagothane-Mahad	30/11/2010	10.05	02/12/2010	18.11	C.B.overhauling work.
Chinchwad-Theur	02/12/2010	08.52	02/12/2010	19.10	Insulator string replacement.
Dahanu-Ghodbandar-II	02/12/2010	08.52	02/12/2010	17.54	Bay Maintenance work.
Girwali - Parbhani	02/12/2010	09.34	02/12/2010	18.21	Commissioning of WT CC.
Kandalgaon - Pophali	02/12/2010	09.45	02/12/2010	18.35	Insulator replacement.
Chinchwad - Hinjewadi	02/12/2010	12.31	02/12/2010	13.56	Line testing work.
220 KV main bus-II at 400KV Chakan	02/12/2010	16.10		Continued.	New T/F,50 MVA jumpering work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 315MVA ICT-II @ BBLSR	02/12/2010	00.17	02/12/2010	04.38	Tightening of Y & B Ph.Bushing Terminal Clamp.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Pophali - KDPH	01/12/2010	11.15		Continued.	To attend MOCB oil leakage at KDPH end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	01/12/2010	20.55	02/12/2010	10.45	Over Voltage.
400/220 KV 500 MVA ICT - I @ Lamboti	02/12/2010	13.08		Continued.	LV of ICT-I H/T.Full load taken on ICT-II.
Bhusawal- Aurangabad	02/12/2010	23.15		Continued.	Over Voltage.
Karad - Kolhapur - I	02/12/2010	23.19		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 100 MVA ICT @ Shahada	29/11/2010	16.10		Continued.	Main buchholz protection operated.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Dec/2010

Position as on 6.30 Hrs of 03/Dec/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/33 KV 100 MVA ICT IV at Jamde	01/12/2010	12.42		Continued.	PRV and Bucholz.
Kolhapur-Sawantwadi	02/12/2010	00.20		Continued.	Distance protection.Trialtaken,declared faulty.
Padghe - Nashik - II	02/12/2010	14.08	02/12/2010	14.45	Distance protection.
Karad-Pedambe	03/12/2010	04.40		Continued.	Distance protection.Declared faulty.
Vita - Karkamb - Lamboti	03/12/2010	5:53	03/12/2010	6:08	Dist. Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Dec/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	65
Unit 4	105	60
Unit 5	200	140
Unit 6	210	130
Unit 7	210	130
	1040	595
Bhusawal		
Unit 1	58	45
Unit 2	210	180
Unit 3	210	200
	478	425
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	172
Unit 4	210	180
Unit 5	210	0
Unit 6	250	180
Unit 7	250	190
	1190	762
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	185
Unit 4	210	200
Unit 5	500	400
Unit 6	500	425
Unit 7	500	375
	2340	1895
Paras		
Unit 2	55	0
Unit 3	250	250
Unit 4	250	250
	555	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	200
Unit 4	210	0
	840	620
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	192
Unit 4	210	190
Unit 5	210	192
	870	574
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	17
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	173
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1560
	960	1560
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3452
	3143	3452