



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Dec/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Dec/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	130.385	752.168	1) Madhya Pradesh	54.577	351.188
2) Hydro	3.933	50.967	2) Gujrat	16.847	77.823
3) Gas	15.654	93.165	3) Goa	-5.499	-34.875
Total MSGENCO	149.972	896.300	4) TAPS 1&2 (Inj.)	7.800	45.340
B) OTHERS			5) Pench (Excess)	-0.349	-1.846
1) RGPPL Gas	35.365	210.310	# Total Cent. Sector	73.376	437.630
2) Wind Generation	8.079	22.895	F) Other Exchanges		
3) CPP / IPP	9.896	45.723	1) With TPCL (Excess)	-16.590	-93.949
4) PENCH (MS)	0.349	1.846	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	1.920	-10.449
1) TPCL Thermal	23.801	150.627	Include PX	0.000	0.000
2) TPCL Hydro	3.482	18.104	2) MUMBAI Bilateral	16.856	95.304
TOTAL TPCL	27.283	168.731	Include PX	8.146	44.726
3) REL Thermal	6.306	37.874	3) MUMBAI Schedule	16.856	95.304
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	160.492	940.669	1) MSEDCL	260.447	1520.755
2) Hydro (A2+B3+C2)	7.764	70.917	2) TPCL	34.976	208.106
3) Gas (A3+B1)	51.019	303.475	3) REL	15.201	92.021
4) Wind (B2)	8.079	22.895	TOTAL STATE	310.624	1820.882
5) CPP (B3)	9.896	45.723			
TOTAL STATE	237.250	1383.679			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5637	5646	4995
MSGENCO Hydro	151	616	78
MSGENCO Gas	640	651	665
MSGENCO Total Generation	6428	6913	5738
Central Sector Receipt	3053	3286	2517
RGPPL	1494	1489	1433
WIND	281	491	179
CPP / IPP	414	422	394
Exchange with Mumbai	-756	-857	-456
MSEDCL DEMAND MET	10961	11754	9805
Load Shedding	2399	3082	0
MSEDCL DEMAND (INCL. LS)	13360	14836	9805
TPCL GENERATION	1526	1421	820
REL GENERATION	263	260	264
TPCL+REL DEMAND	2545	2538	1540
STATE DEMAND MET	13506	14292	11345
STATE DEMAND (INCL. LS)	15905	17374	11345
Frequency (Hz)	49.79	50.00	50.22
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2802 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			30.61 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.54 Hz at 03.12 Hrs	49.41 Hz at 14.32 Hrs	49.95	0 % 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 06/Dec/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.69	8.77	78	53	70
Unit 2	1.70	5.57	80	61	70
Unit 3	1.61	9.08	74	56	70
Unit 4	0.87	7.82	65	0	70
Unit 5	2.66	19.49	170	0	160
Unit 6	3.63	19.17	171	130	150
Unit 7	3.92	20.95	180	135	160
	16.09	90.86			750
Bhusawal					
Unit 1	1.12	5.35	50	37	45
Unit 2	4.23	25.84	185	160	180
Unit 3	4.40	26.36	200	165	180
	9.75	57.55			405
Parli					
Unit 1	0.58	3.37	26	21	25
Unit 2	0.51	2.98	23	19	22
Unit 3	4.03	24.58	180	120	135
Unit 4	4.35	25.84	192	158	185
Unit 5	0.00	0.00	0	0	0
Unit 6	4.82	24.78	248	164	170
Unit 7	5.18	26.80	257	183	220
	19.47	108.34			757
Chandrapur					
Unit 1	3.75	21.85	165	145	160
Unit 2	3.68	21.15	164	121	160
Unit 3	4.36	27.61	200	146	205
Unit 4	4.43	26.86	198	150	190
Unit 5	10.56	60.79	485	350	425
Unit 6	9.77	58.52	450	328	350
Unit 7	9.90	53.85	447	312	450
	46.45	270.63			1940
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.16	27.30	230	160	220
Unit 4	4.57	30.26	269	0	100
	9.72	57.56			320
Khaparkheda					
Unit 1	4.64	28.20	215	160	210
Unit 2	4.42	27.06	202	167	210
Unit 3	4.26	25.86	197	163	200
Unit 4	4.06	17.70	177	150	180
	17.39	98.82			800
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	3.21	16.34	200	0	190
Unit 4	4.22	26.06	202	151	190
Unit 5	4.08	26.02	181	157	190
	11.52	68.42			570
Koyna					
Stage 1-2	1.45	16.93	200	30	600
Stage 4	0.08	11.77	77	0	250
Stage 3	0.13	6.13	68	0	320
	1.66	34.83			1170
Kovna 12&4 Total	1.53	28.70			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.65	93.16	668	625	640
		15.65	93.16			640
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	0.00	0	0	0
TILLARI		0.36	2.20	60	0	60
BHTGR/VEER		0.09	0.79	4	3	6
BHIRA T.R.		0.13	1.11	45	0	80
RNGR+BHTSA		0.40	2.36	17	15	16
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.16	0.82	8	0	0
SMLHY PTN		0.36	3.25	23	11	20
GHATGHAR		0.77	5.61	245	0	0
		2.28	16.14			182
PENCH (MS)						
Pench (MS)		0.35	1.85	47	0	0
		0.35	1.85			0
Wind						
MalharPeth		0.29	0.98			
Vankuswadi		0.95	2.79			
ATIT		0.17	0.43			
Kale		0.40	1.06			
Satara		0.34	1.71			
Shirala		0.45	1.11			
K Mahankal		1.44	2.28			
Supa		0.14	0.52			
Vita		1.80	5.10			
Dondaicha		0.89	3.31			
Sakri		0.14	0.52			
Nandurbar		0.06	0.28			
Khandke		0.64	2.06			
Khaparale		0.36	0.76			
		8.08	22.90			
CPP						
TOTAL CPP		9.90	45.72			
		9.90	45.72			
Dabhol						
RGPPL		35.36	210.31	1529	1431	1530
		35.36	210.31			1530
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		9.11	64.62	490	260	500
Trombay 6		4.88	29.16	410	150	500
Trombay 7A		2.92	17.39	123	118	120
Trombay 7B		1.60	8.32	68	66	60
Trombay 8		5.29	31.14	250	150	250
TATA Hydro		3.48	18.10	412	0	447
		27.28	168.73			1877
REL						
1&2		6.31	37.87	264	255	250
		6.31	37.87			250
Cent Sect						
Share						3572
						3572
MS PG CL	Thermal	130.38	752.17			5542
	Thml+Gas	146.04	845.33			6182
	Hydro	3.93	50.97			1352
	Total	149.97	896.30			7534
State Total		237.25	1383.68			14763

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5068	82	662	5812	1432	191	383	2806	2559	-578	-561	9816	0	9816	1704	11520	50.11
2	4995	78	665	5738	1433	179	394	2711	2517	-481	-456	9805	0	9805	1540	11345	50.22
3	4988	73	668	5729	1433	190	396	2639	2565	-409	-390	9923	0	9923	1474	11397	50.22
4	5104	90	668	5862	1431	200	405	2642	2614	-384	-372	10140	0	10140	1456	11596	50.35
5	5102	84	663	5849	1436	170	412	2674	2736	-360	-342	10261	175	10436	1426	11862	50.16
6	5226	85	666	5977	1529	179	412	3102	2708	-384	-370	10448	1213	11661	1489	13150	50.04
7	5548	89	668	6305	1523	195	416	3177	2688	-481	-467	10687	1360	12047	1637	13684	49.84
8	5687	85	668	6440	1517	169	416	3156	3062	-539	-518	11113	1556	12669	1752	14421	49.82
9	5732	145	663	6540	1507	178	416	3253	3123	-611	-593	11198	2050	13248	1936	15184	49.79
10	5744	157	650	6551	1501	237	416	3371	3160	-696	-671	11241	2186	13427	2304	15731	49.82
11	5637	151	640	6428	1494	281	414	3466	3053	-787	-756	10961	2399	13360	2545	15905	49.79
12	5671	191	642	6504	1485	290	418	3485	2988	-811	-789	10943	2312	13255	2548	15803	49.78
13	5666	110	637	6413	1479	267	417	3508	3430	-835	-830	11190	2261	13451	2521	15972	49.72
14	5718	86	625	6429	1473	312	418	3669	3633	-930	-964	11312	2179	13491	2505	15996	49.80
15	5706	246	630	6582	1467	322	416	3654	3687	-930	-995	11479	2271	13750	2531	16281	49.74
16	5617	296	626	6539	1469	321	413	3648	3456	-930	-994	11204	2340	13544	2521	16065	49.74
17	5647	211	631	6489	1474	382	418	3561	3703	-906	-937	11529	2344	13873	2494	16367	49.90
18	5609	300	638	6547	1476	355	413	3563	3701	-906	-878	11614	2486	14100	2466	16566	49.87
19	5646	616	651	6913	1489	491	422	3678	3286	-882	-857	11754	3082	14836	2538	17374	50.00
20	5636	385	650	6671	1489	595	420	3746	3326	-882	-857	11671	2802	14473	2475	16948	49.95
21	5617	141	659	6417	1498	682	413	3806	2826	-858	-825	11037	129	11166	2329	13495	49.97
22	5306	88	660	6054	1451	674	414	3518	3201	-811	-780	11040	129	11169	2178	13347	50.07
23	4919	67	662	5648	1438	634	420	3306	2951	-814	-776	10315	0	10315	2003	12318	49.92
24	4796	77	662	5535	1441	585	414	2758	2406	-651	-612	9769	0	9769	1807	11576	50.17
MUs	130.38	3.93	15.65	149.97	35.36	8.08	9.90	78.90	73.38	-16.86	-16.59	260.45	33.27	293.72	50.18	343.90	49.95

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 06/Dec/2010

Position as on 6.30 Hrs of 07/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
Cent_Sect NTPC(K-6)	500	02/12/2010	7:44		Continued.	Annual Overhaul	31/12/2010
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.	08/12/2010
Nasik Unit 1	125	26/11/2010	17.50		Continued.	Governig system problem.	07/12/2010
Cent_Sect TARAPUR-4	540	29/11/2010	13.35		Continued.	Testing work.	08/12/2010
Nasik Unit 3	210	03/12/2010	22.00	06/12/2010	02.55	Boiler Tube Leakage.	
Paras Unit 4	250	06/12/2010	00.25	06/12/2010	05.05	Furnace Pressure High.	
Koradi Unit 4	115	06/12/2010	14.34		Continued.	Turbine Bearing Vibration Problem.	08/12/2010
Koradi Unit 5	200	06/12/2010	16.44		Continued.	BLR T/L.	09/12/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Dec/2010

Position as on 6.30 Hrs of 07/Dec/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalmeshwar - Pandurna	05/12/2010	19.01		Continued.	Main Bkr PDR Problem.(Ckt is on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	02/12/2010	17.11		Continued.	Over Voltage.
Kolhapur - Mapusa - II	04/12/2010	23.14	06/12/2010	09.08	Over Voltage.
Kolhapur - Mapusa - I	06/12/2010	09.14		Continued.	Over Voltage.
Wardha - Akola - I	06/12/2010	23.13		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik - Navasari - II	07/12/2010	05.39		Continued.	Dist.Prot.Z-I,B-Ph.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrpur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
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.
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.
Kalwa-Mahape	27/11/2010	15.17		Continued.	Strenginging Work of Mumbai System.
Main Bus - I @ Dahanu	03/12/2010	09.03		Continued.	Bus Maint.Work.
Aurangabad-Chitegaon-I	06/12/2010	07.15	06/12/2010	13.19	Balance Y & B-Ph of 2nd ckt.overhead stringing bet.Loc. 519 & 520 of 400 Kv D/C BSL-Waluj line.
Aurangabad-Chitegaon-II	06/12/2010	07.16	06/12/2010	13.19	Overhead stringing bet.Loc. 519 & 520 of 400 Kv D/C BSL-Waluj line.
Main Bus - II Talangde	06/12/2010	10.35		Continued.	Alignment of isolator and testing work of equip.for 400 KV Solapur.
Main Bus at Tilwani	06/12/2010	11.25	06/12/2010	17.53	Maintenance work.
Tilwani-Ichalkaranji	06/12/2010	11.25	06/12/2010	17.53	Stringing of conductor at Tilwani end.
Bus Section I at Kharepatan	06/12/2010	13.20	06/12/2010	17.10	Replacement of 220 KV PT.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 500 MVA ICT-I @ Jejuri	06/12/2010	22.40	07/12/2010	00.40	Oil Top Up work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	05/12/2010	23.42	06/12/2010	13.05	Over Voltage.
Bhusawal- Aurangabad	05/12/2010	23.46	06/12/2010	07.49	Over Voltage.
Bhusawal- Aurangabad	06/12/2010	21.55	07/12/2010	05.54	Over Voltage.
Karad - Kolhapur - II	06/12/2010	22.40		Continued.	Over Voltage.
Babaleshwar - Dhule - I	07/12/2010	00.29	07/12/2010	05.26	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Bblswr - Padgha - II	06/12/2010	03.02	06/12/2010	07.54	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 06/Dec/2010

Position as on 6.30 Hrs of 07/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.
Kalwa-Colourchem	06/12/2010	11.15	06/12/2010	13.52	Distance Protection.
Temghar-Colourchem	06/12/2010	11.15	06/12/2010	13.52	Distance Protection.
Usmanabad-Barshi	06/12/2010	19.55	06/12/2010	21.15	Distance Protection Operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Dec/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	65
Unit 3	105	60
Unit 4	105	0
Unit 5	200	0
Unit 6	210	130
Unit 7	210	150
	1040	470
Bhusawal		
Unit 1	58	45
Unit 2	210	180
Unit 3	210	195
	478	420
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	155
Unit 4	210	160
Unit 5	210	0
Unit 6	250	170
Unit 7	250	180
	1190	705
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	190
Unit 5	500	450
Unit 6	500	425
Unit 7	500	450
	2340	2035
Paras		
Unit 2	55	0
Unit 3	250	175
Unit 4	250	175
	555	350
Khaparkheda		
Unit 1	210	190
Unit 2	210	175
Unit 3	210	180
Unit 4	210	175
	840	720
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	870	570
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	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	171
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	1530
	960	1530
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	3709
	3143	3709

	17376	7 of 7	14607
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