



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Jan/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Jan/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.648	2895.683	1) Madhya Pradesh	51.597	1024.452
2) Hydro	28.517	466.666	2) Gujrat	31.231	673.767
3) Gas	16.047	335.278	3) Goa	-6.082	-145.309
Total MSGENCO	157.212	3697.627	4) TAPS 1&2 (Inj.)	7.887	189.063
B) OTHERS			5) Pench (Excess)	0.076	-9.553
1) RGPPL Gas	32.545	800.735	# Total Cent. Sector	84.709	1732.420
2) Wind Generation	0.682	60.565	F) Other Exchanges		
3) CPP / IPP	19.487	537.911	1) With TPCL (Excess)	-6.126	-102.482
4) PENCH (MS)	0.277	9.906	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.046	387.241
1) TPCL Thermal	20.704	509.628	Include PX	0.000	0.000
2) TPCL Hydro	5.137	100.101	2) MUMBAI Bilateral	5.188	98.526
TOTAL TPCL	25.841	609.729	Include PX	-0.525	-25.496
3) REL Thermal	12.693	302.878	3) MUMBAI Schedule	6.148	108.191
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	146.045	3708.189	1) MSEDCL	288.786	6736.682
2) Hydro (A2+B3+C2)	33.931	576.673	2) TPCL	29.954	679.191
3) Gas (A3+B1)	48.592	1136.013	3) REL	14.702	335.850
4) Wind (B2)	0.682	60.565	TOTAL STATE	333.442	7751.723
5) CPP (B3)	19.487	537.911			
TOTAL STATE	248.737	6019.351			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4735	4873	4673
MSGENCO Hydro	2039	1822	153
MSGENCO Gas	656	668	676
MSGENCO Total Generation	7430	7363	5502
Central Sector Receipt	3826	3543	2816
RGPPL	1351	1365	1374
WIND	18	42	33
CPP / IPP	888	812	727
Exchange with Mumbai	-457	-496	-14
MSEDCL DEMAND MET	13082	12655	10438
Load Shedding	2467	3500	0
MSEDCL DEMAND (INCL. LS)	15549	16155	10438
TPCL GENERATION	1385	1274	710
REL GENERATION	529	528	529
TPCL+REL DEMAND	2371	2298	1253
STATE DEMAND MET	15453	14953	11691
STATE DEMAND (INCL. LS)	17920	18453	11691
Frequency (Hz)	49.82	49.92	50.03
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3883 MW AT 17.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			63.90 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.46 Hz at 18.04 Hrs	49.37 Hz at 14.31 Hrs	49.88	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 24/Jan/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1		11.85	0	0	0
Unit 2		8.44	0	0	0
Unit 3		12.29	0	0	0
Unit 4		9.33	0	0	0
Unit 5	4.47	81.34	194	170	170
Unit 6	0.00	0.00	0	0	0
Unit 7	4.82	91.06	210	185	190
	9.28	214.30			360
Bhusawal					
Unit 1		0.00	0	0	0
Unit 2	0.00	77.34	0	0	0
Unit 3	4.42	108.58	200	155	200
	4.42	185.92			200
Parli					
Unit 1		0.00	0	0	0
Unit 2		0.00	0	0	0
Unit 3	0.91	75.97	137	0	0
Unit 4	3.82	103.24	183	126	180
Unit 5	4.82	97.40	212	178	205
Unit 6	5.12	126.22	232	189	230
Unit 7	0.00	63.28	0	0	0
	14.67	466.11			615
Chandrapur					
Unit 1	3.71	87.95	166	147	150
Unit 2	3.85	73.59	169	152	155
Unit 3	4.38	104.66	199	154	200
Unit 4	4.47	102.30	195	163	200
Unit 5	11.46	254.96	500	445	480
Unit 6	10.93	250.33	490	365	450
Unit 7	10.18	217.98	460	320	450
	48.98	1091.77			2085
Paras					
Unit 2		0.00	0	0	0
Unit 3	4.24	105.53	203	130	170
Unit 4	0.00	86.71	0	0	0
	4.24	192.24			170
Khaparkheda					
Unit 1	4.99	116.72	210	200	210
Unit 2	4.70	112.71	202	180	210
Unit 3	5.00	116.17	216	182	210
Unit 4	0.00	12.53	0	0	0
	14.69	358.13			630
Nasik					
Unit 1	1.97	49.12	90	60	81
Unit 2	2.10	44.24	98	77	81
Unit 3	3.66	96.44	165	140	142
Unit 4	4.50	104.65	206	163	192
Unit 5	4.12	92.75	197	145	182
	16.36	387.20			678
Koyna					
Stage 1-2	4.60	91.80	495	40	600
Stage 4	14.99	191.59	1120	0	250
Stage 3	4.20	60.70	240	0	240
	23.80	344.09			1090
Kovna 12&4 Total	19.60	283.39			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		16.05	335.28	690	634	640
		16.05	335.28			640
Hydro						
KDPH		0.23	7.32	19	0	19
VTRNA		0.00	13.82	0	0	0
TILLARI		0.48	9.42	60	0	60
BHTGR/VEER		0.39	9.80	17	16	17
BHIRA T.R.		0.20	5.75	79	0	78
RNGR+BHTSA		0.41	8.99	18	17	17
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.22	6.37	23	0	22
SMLHY PTN		0.98	20.98	48	38	11
GHATGHAR		1.80	40.13	250	0	0
		4.72	122.58			224
PENCH (MS)						
Pench (MS)		0.28	9.91	44	0	
		0.28	9.91			
Wind						
MalharPeth		0.03	2.21			
Vankuswadi		0.09	6.18			
ATIT		0.01	0.93			
Kale		0.05	2.19			
Satara		0.01	4.78			
Shirala		0.04	2.54			
K Mahankal		0.11	2.93			
Supa		0.04	1.59			
Vita		0.16	11.65			
Dondaicha		0.02	13.90			
Sakri		0.00	2.33			
Nandurbar		0.00	1.28			
Khandke		0.09	5.07			
Khaparale		0.02	2.99			
		0.68	60.56			
CPP						
TOTAL CPP		19.49	537.91			515
		19.49	537.91			515
Dabhol						
RGPPL		32.54	800.74	1374	1331	1450
		32.54	800.74			1450
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.54	247.48	490	300	500
Trombay 6		0.00	22.73	0	0	0
Trombay 7A		2.98	70.89	128	120	120
Trombay 7B		1.64	39.04	69	67	60
Trombay 8		5.54	129.49	250	155	250
TATA Hydro		5.14	100.10	452	0	447
		25.84	609.73			1377
REL						
1&2		12.69	302.88	530	528	500
		12.69	302.88			500
Cent Sect						
Share						3631
						3631
MS PG CL	Thermal	112.65	2895.68			4738
	Thml+Gas	128.70	3230.96			5378
	Hydro	28.52	466.67			1314
	Total	157.21	3697.63			6692
State Total		248.74	6019.35			14165

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Jan/2011

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	4513	152	674	5339	1371	47	727	3126	2912	-67	-61	10335	0	10335	1369	11704	49.80
2	4673	153	676	5502	1374	33	727	2962	2816	-18	-14	10438	0	10438	1253	11691	50.03
3	4673	175	680	5528	1371	28	726	2753	2873	7	16	10542	495	11037	1183	12220	50.06
4	4580	311	678	5569	1371	26	727	2753	2867	7	26	10586	1133	11719	1153	12872	50.12
5	4592	363	678	5633	1371	24	733	3022	2976	7	34	10771	1214	11985	1175	13160	49.94
6	4703	778	680	6161	1371	24	803	2884	2951	121	105	11415	1448	12863	1251	14114	49.90
7	4739	1517	683	6939	1371	15	862	3185	2932	-51	-41	12078	1606	13684	1467	15151	49.70
8	4740	1721	690	7151	1373	25	871	3181	3469	-45	-39	12876	1825	14701	1589	16290	49.83
9	4709	1972	688	7369	1374	29	872	3290	3607	-165	-153	13123	2054	15177	1812	16989	49.78
10	4682	2161	681	7524	1350	27	872	3500	3549	-271	-254	13068	2049	15117	2089	17206	49.79
11	4738	1506	668	6912	1352	27	887	3740	4234	-461	-453	12959	2416	15375	2327	17702	49.96
12	4735	2039	656	7430	1351	18	888	3740	3826	-461	-457	13082	2467	15549	2371	17920	49.82
13	4666	1882	644	7192	1353	21	876	3739	3928	-461	-458	12938	2590	15528	2347	17875	49.86
14	4594	1524	638	6756	1350	20	894	3707	4370	-433	-436	12980	2490	15470	2216	17686	49.95
15	4625	1624	634	6883	1346	20	876	3591	4158	-433	-446	12863	2640	15503	2259	17762	49.77
16	4594	1922	634	7150	1348	17	875	3479	3736	-433	-440	12712	2707	15419	2267	17686	49.77
17	4604	1676	652	6932	1345	23	861	3481	4245	-433	-430	12976	2584	15560	2256	17816	49.85
18	4728	1505	663	6896	1344	19	810	3482	4543	-433	-426	13186	2653	15839	2214	18053	49.89
19	4859	1879	664	7402	1344	30	803	3475	3679	-457	-490	12768	3276	16044	2237	18281	49.89
20	4873	1822	668	7363	1365	42	812	3643	3543	-502	-496	12655	3500	16155	2298	18453	49.92
21	4768	1138	681	6587	1342	43	807	3522	3556	-372	-393	11968	3500	15468	2162	17630	49.85
22	4753	454	678	5885	1342	40	725	3423	3681	-267	-287	11430	3498	14928	1981	16909	49.95
23	4761	119	681	5561	1335	48	731	3454	3552	-334	-338	10889	3341	14230	1777	16007	49.78
24	4746	124	678	5548	1331	36	722	3195	2706	-192	-195	10148	1682	11830	1607	13437	49.91
MUs	112.65	28.52	16.05	157.21	32.54	0.68	19.49	80.33	84.71	-6.15	-6.13	288.79	51.17	339.95	44.66	384.61	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 24/Jan/2011

Position as on 6.30 Hrs of 25/Jan/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 6	210	26/12/2010	09.23		Continued.	Annual Overhaul.	27/01/2011
Khaparkheda Unit 4	210	03/01/2011	15.26		Continued.	Capital Overhaul.	07/02/2011
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Tata Trombay 6	500	07/01/2011	00.04		Continued.	Capital overhaul.	31/01/2011
Koyna Unit 11	80	13/01/2011	07.45		Continued.	Retrofitting work of excitation system.	13/02/2011
CPP JSW_JAIGAD	300	22/01/2011	02:15		Continued.	W/D For Annual Inspection	26/01/2011
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.	
Parli Unit 7	250	14/01/2011	11.21		Continued.	M.S.Temp.Low	25/01/2011
Paras Unit 4	250	18/01/2011	08.58		Continued.	Boiler Tube Leakage.	25/01/2011
Parli Unit 3	210	20/01/2011	05:40	24/01/2011	15.04	Fire On Boiler	
Bhusawal Unit 2	210	22/01/2011	23.22		Continued.	Boiler Tube Leakage	25/01/2011
Cent_Sect NTPC(V-6)	210	24/01/2011	23.20		Continued.	Air Preheater Problem.	25/01/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2011

Position as on 6.30 Hrs of 25/Jan/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalmeshwar - Pandurna	22/01/2011	10.37		Continued.	Main Breaker O/H work, Line on TBC
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	23/01/2011	18.01	24/01/2011	10.12	Over Voltage.
Solapur - Solapur (PG)	23/01/2011	20.17	24/01/2011	07.18	Over Voltage.
Kolhapur - Mapusa - I	23/01/2011	22.48	24/01/2011	09.45	Over Voltage.
Kolhapur-Mapusa-II	24/01/2011	23.02		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	24/01/2011	23.03		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315MVA ICT-II @ Karad	04/01/2011	19.38		Continued.	H.V.Side BKR Repl.Work, Kept on TBC.
Chandrapur - Parli - I	15/01/2011	08.43		Continued.	Attending R phase pole oil leakage, line on TBC
Dabhol - New Koyna - I	24/01/2011	08.35	24/01/2011	18.21	Cold Washing of Insulator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-III @ Kalwa	14/12/2010	08.39		Continued.	For Augmentation from 125MVA to 200MVA.
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(Six Month Outage.)Up to 09.05.2011.
220/132 KV 100 MVA ICT-II @ Babaleshwar	25/12/2010	12:15		Continued.	Augmentation by 200MVA ICT (upto 30/01/2011)
220/132KV 100 MVA ICT-I @ Padegaon	26/12/2010	13.30		Continued.	ICT on TBC for Main Breaker Replacement.
220/132 KV 100 MVA ICT-II @ Bhusawal	02/01/2011	08.58		Continued.	Replacement of 100 MVA By 200 MVA ICT(Upto 23.01.2011).
220/100 KV125 MVA ICT-III @ Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
220/6.6KV 40MVA Stn.T/F-IV at K'Kheda	14/01/2011	12.26		Continued.	Oil Filtration work(10Days)
220/132 KV,100 MVA T/F-II @ Malegaon	19/01/2011	08.55		Continued.	Replacement of 100MVA ICT by 200MVA.
Mahape-Tifil	19/01/2011	10.07		Continued.	Dismantalling and erection of MC tower bet.loc No.42-46 and stringing of conductor.
220/100KV,100 MVA T/F-I at Jambhul	22/01/2011	11.30		Continued.	For Dismantling 100MVA T/F-I under JICA scheme
220/33 KV 100 MVA ICT-IV @ Versova	23/01/2011	07.23		Continued.	Annual Maintenance Work.
Main Bus - II @ Kharepatan	24/01/2011	08.03	24/01/2011	18.40	Maintenance of C B & P T.
Pedambe-Kharepatan	24/01/2011	08.05	24/01/2011	17.40	C T Secondary Connection M B Box Repairing & Preventive Maint. Work.
Apta-Kalwa	24/01/2011	08.49		Continued.	C T Replacement & New Panel Commisioning
Kurkumb-Bhigwan	24/01/2011	10.39	24/01/2011	19.35	Replacement of Insulator String.
Khaparkheda-Kawlewada-II	24/01/2011	10.49	24/01/2011	15.40	E/W Replacement Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	24/01/2011	12.28	24/01/2011	16.16	Buchholz relay Oil Leakage.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2011

Position as on 6.30 Hrs of 25/Jan/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Vita - Lamboti	22/01/2011	16.40	24/01/2011	17.15	CB replacement,line taken on TBC
Jambhul - Anandnagar	24/01/2011	14.41	24/01/2011	17.43	To Attend Hot Spot on R-Ph Wave trap.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	23/01/2011	18.04	25/01/2011	06.08	Over Voltage.(Opportunity outage availed for repl. of faulty disc insulator from 09.09hrs to 19.37hrs on dated 24/01/11)
Bhusawal- Aurangabad	23/01/2011	21.42	24/01/2011	05.44	Over Voltage.
Bhusawal- Aurangabad	24/01/2011	21.47	25/01/2011	05.40	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Lote - Dasturi	07/01/2011	21.01		Continued.	B phase Crossarm Bend at Loc.No.97, (work till 22/01/2011).
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Alephata-Kathapur	14/01/2011	14.08		Continued.	To Control 400KV LNKD ICT Loading.
Dhule-Chalisgaon	18/01/2011	15.53		Continued.	To control O/L of 400KV Dhule ICT's,From Dt. 22/01/11 opportunity outage taken for replacement of Line Insulator Work.
Pusad-Parbhani	23/01/2011	17.54	24/01/2011	09.34	To Control 220KV Warora-Hinganghat Loading.
Chandrapur-Warora - I	23/01/2011	18.14		Continued.	To Control 220KV Warora-Hinganghat Loading.
BBLSR-Waluj	24/01/2011	10.28		Continued.	For Babaleshwar ICT Loading.
Khaperkheda - Wardha.	24/01/2011	12.22	24/01/2011	16.20	To Control O/L of Koradi ICT-II (Under Outage).
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	12/01/2011	13.46		Continued.	H/T from Kalwa end
Voltage Level : 500KV			Outage Type TRIPPED		
HCDC Pole-II @Padghe	24/01/2011	14.18	24/01/2011	17.32	B-ph. Tap Changer high flow trip @Padghe.
Voltage Level : 220KV			Outage Type TRIPPED		
220/7 KV 35 MVA Stn.T/F-II @ Parly	19/01/2011	16.10		Continued.	LV side E/F fire in Aux.Dist.box due to burning of 2 No.feeder.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Jan/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	190
Unit 6	210	0
Unit 7	210	190
	1040	380
Bhusawal		
Unit 1	58	
Unit 2	210	0
Unit 3	210	200
	478	200
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	155
Unit 4	210	170
Unit 5	210	205
Unit 6	250	200
Unit 7	250	0
	1190	730
Chandrapur		
Unit 1	210	160
Unit 2	210	155
Unit 3	210	200
Unit 4	210	200
Unit 5	500	475
Unit 6	500	470
Unit 7	500	470
	2340	2130
Paras		
Unit 2	55	
Unit 3	250	200
Unit 4	250	0
	555	200
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	0
	840	630
Nasik		
Unit 1	120	80
Unit 2	120	90
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	870	740
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	18
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	6
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	20
SMLHY PTN	12	10
GHATGHAR	250	0
	611	204
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	515
	0	515
Dabhol		
RGPPL	960	1450
	960	1450
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3562
	3143	3562

	17376	7 of 7	14348
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