



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Jan/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Jan/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.509	1264.050	1) Madhya Pradesh	48.235	582.654
2) Hydro	6.489	99.516	2) Gujrat	29.382	182.990
3) Gas	14.153	143.787	3) Goa	-6.225	-64.056
Total MSGENCO	148.151	1507.353	4) TAPS 1&2 (Inj.)	3.661	32.905
B) OTHERS			5) Pench (Excess)	-0.563	-2.762
1) RGPPL Gas	28.436	246.873	# Total Cent. Sector	74.490	731.731
2) Wind Generation	2.157	27.071	F) Other Exchanges		
3) PENCH (MS)	0.563	2.762	1) With TPCL	-1.206	-33.136
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	21.572	220.702	1) MSEDCL Bilateral	7.241	62.500
2) TPCL Hydro	1.682	45.848	Include PX	1.241	2.482
TOTAL TPCL	23.254	266.550	2) MUMBAI Bilateral	2.133	40.221
3) REL Thermal	12.698	126.995	Include PX	0.658	21.782
D) STATE			3) MUMBAI Schedule	2.133	40.221
1) Thermal (A1+C1+C3)	161.779	1611.747	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	8.734	148.126	1) MSEDCL	252.591	2482.654
3) Gas (A3+B1)	42.589	390.660	2) TPCL	23.777	277.788
4) Wind (B2)	2.157	27.071	3) REL	13.379	149.073
TOTAL STATE	215.259	2177.604	TOTAL STATE	289.747	2909.515

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5350	5450	5222
MSGENCO Hydro	464	673	111
MSGENCO Gas	634	622	500
MSGENCO Total Generation	6448	6745	5833
Central Sector Receipt	3501	3515	2320
RGPPL	1185	1185	1185
WIND	81	63	150
Exchange with TPCL	-57	-169	-9
MSEDCL DEMAND MET	11211	11392	9479
Load Shedding	3166	3661	1473
MSEDCL DEMAND (INCL. LS)	14377	15053	10952
TPCL GENERATION	1091	1170	703
REL GENERATION	530	527	529
TPCL+REL DEMAND	1678	1866	1241
STATE DEMAND MET	12889	13258	10720
STATE DEMAND (INCL. LS)	16055	16919	12193
Frequency (Hz)	49.39	49.42	49.80
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3823 At 19.00 Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			67.57 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.22 Hz at 01.46 Hrs	48.79 Hz at 20.04 Hrs	49.59	.47 % of Time

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

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 10/Jan/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.99	18.87	87	75	85
Unit 2	1.75	16.49	75	71	70
Unit 3	0.00	10.30	0	0	0
Unit 4	1.74	15.67	79	65	70
Unit 5	3.78	37.76	169	148	160
Unit 6	3.70	28.85	170	140	155
Unit 7	4.36	40.12	189	175	180
	17.33	168.07			720
Bhusawal					
Unit 1	1.14	7.09	52	44	50
Unit 2	4.44	28.19	192	169	185
Unit 3	4.22	43.31	185	165	190
	9.81	78.59			425
Parli					
Unit 1	0.56	5.54	24	22	23
Unit 2	0.54	5.49	24	20	23
Unit 3	0.00	25.68	0	0	0
Unit 4	4.52	46.09	200	171	200
Unit 5	4.18	39.14	178	166	180
Unit 6	5.64	55.39	250	146	240
	15.44	177.33			666
Chandrapur					
Unit 1	3.53	33.42	151	140	150
Unit 2	4.06	38.24	174	163	150
Unit 3	3.81	37.59	184	123	150
Unit 4	4.30	30.42	200	130	170
Unit 5	10.25	102.93	448	407	450
Unit 6	10.31	99.32	443	415	450
Unit 7	9.24	99.11	446	322	400
	45.49	441.02			1920
Paras					
Unit 2	1.12	9.56	49	44	45
Unit 3	5.36	52.37	238	216	225
	6.48	61.93			270
Khaparkheda					
Unit 1	0.00	22.60	0	0	0
Unit 2	4.73	45.58	203	189	190
Unit 3	4.99	48.68	214	194	210
Unit 4	5.02	47.14	214	201	210
	14.74	164.00			610
Nasik					
Unit 1	2.18	20.70	96	65	95
Unit 2	2.30	22.14	100	90	95
Unit 3	4.72	48.61	205	185	205
Unit 4	4.59	47.69	200	185	205
Unit 5	4.43	33.98	188	178	185
	18.22	173.11			785
Uran					
All Units	14.15	143.79	648	498	480
	14.15	143.79			480
Koyna					
Stage 1-2	1.66	19.51	230	30	530
Stage 4	0.00	34.09	0	0	250
Koyna 12&4 Total	1.66	53.60			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.47	11.44	156	0	320
	2.12	65.04			1100
Hydro					
KDPH	0.27	2.33	20	0	0
VTRNA	0.29	0.33	61	0	0
TILLARI	0.40	3.67	59	0	60
BHTGR/VEER	1.41	10.08	59	58	42
BHIRA T.R.	0.25	2.27	82	0	80
RNGR+BHTSA	0.32	3.11	15	12	12
BHANDARDRA	0.17	5.36	14	0	0
ELDARY	0.00	0.71	0	0	0
PAITHAN	0.06	0.51	10	0	10
GHATGHAR	1.19	6.11	126	0	0
	4.37	34.48			204
PENCH (MS)					
Pench (MS)	0.56	2.76	53	0	
	0.56	2.76			
Wind					
MalharPeth	0.10	1.01			
Vankuswadi	0.31	2.71			
ATIT	0.04	0.48			
Kale	0.07	0.86			
Satara	0.17	0.98			
Shirala	0.07	0.90			
K Mahankal	0.01	0.70			
Supa	0.08	0.70			
Vita	0.51	5.13			
Dondaicha	0.21	7.39			
Sakri	0.03	0.88			
Nandurbar	0.02	0.84			
Khadakale	0.38	2.79			
Khaparale	0.16	1.70			
	2.16	27.07			
Dabhol					
RGPP L II	28.44	246.87	1185	1184	1160
RGPP L III	0.00	0.00	0	0	
	28.44	246.87			1160
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	19.68	0	0	0
Trombay 6	11.52	103.79	510	350	500
Trombay 7A	2.90	27.10	125	112	120
Trombay 7B	1.63	15.57	69	64	60
Trombay 8	5.53	54.56	252	150	250
TATA Hydro	1.68	45.85	222	0	447
	23.25	266.55			1377
REL					
1&2	12.70	127.00	531	527	500
	12.70	127.00			500
Cent Sect					
Share					3122
					3122

MS PG CL	Thermal	127.51	1264.05		5396
	Thml+Gas	141.66	1407.84		5876
	Hydro	6.49	99.52		1304
	Total	148.15	1507.35		7180
State Total		215.26	2177.60		13339

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Jan/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	5090	105	498	5693	1184	118	2760	2562	-50	-16	9541	1904	11445	1434	12879	49.88
2	5165	110	505	5780	1185	139	2760	2388	-50	-10	9482	1859	11341	1333	12674	49.99
3	5212	110	502	5824	1185	148	2760	2330	-50	-5	9482	1564	11046	1275	12321	49.87
4	5222	111	500	5833	1185	150	2760	2320	-50	-9	9479	1473	10952	1241	12193	49.80
5	5205	111	508	5824	1185	143	2771	2514	-50	-12	9654	1497	11151	1234	12385	49.77
6	5170	141	603	5914	1185	141	2877	2788	-50	-12	10035	2126	12161	1288	13449	49.57
7	5238	111	641	5990	1185	142	3151	2854	40	79	10277	2793	13070	1353	14423	49.66
8	5271	106	646	6023	1185	122	3151	3010	40	78	10445	3147	13592	1385	14977	49.51
9	5312	128	647	6087	1185	95	3146	3015	40	72	10481	3447	13928	1470	15398	49.52
10	5349	220	648	6217	1185	70	3237	3266	-51	-15	10768	3448	14216	1588	15804	49.44
11	5342	554	639	6535	1185	69	3354	3428	-51	-12	11258	3085	14343	1660	16003	49.47
12	5350	464	634	6448	1185	81	3386	3501	-96	-57	11211	3166	14377	1678	16055	49.39
13	5363	348	614	6325	1185	65	3454	3463	-96	-57	11023	3175	14198	1649	15847	49.40
14	5397	296	600	6293	1185	47	3463	3437	-96	-56	10929	3218	14147	1621	15768	49.24
15	5392	177	596	6165	1185	43	3496	3476	-96	-57	10817	3310	14127	1589	15716	49.36
16	5369	192	607	6168	1185	42	3497	3469	-96	-59	10810	3388	14198	1579	15777	49.42
17	5363	271	612	6246	1185	39	3497	3521	-96	-59	10955	3308	14263	1572	15835	49.46
18	5409	491	621	6521	1185	41	3544	3509	-96	-57	11206	2970	14176	1571	15747	49.62
19	5424	595	630	6649	1185	55	3206	3690	-213	-171	11461	3492	14953	1803	16756	49.72
20	5450	673	622	6745	1185	63	3457	3515	-213	-169	11392	3661	15053	1866	16919	49.42
21	5383	523	607	6513	1185	75	3344	3328	-213	-176	10978	3372	14350	1866	16216	49.42
22	5384	332	603	6319	1184	85	3087	3123	-213	-174	10579	3395	13974	1826	15800	49.49
23	5357	192	535	6084	1184	90	3080	3021	-213	-172	10213	3020	13233	1702	14935	49.72
24	5290	128	535	5953	1184	96	2982	2962	-121	-80	10115	2085	12200	1575	13775	49.96
MUs	127.51	6.49	14.15	148.15	28.44	2.16	76.22	74.49	-2.13	-1.21	252.59	67.90	320.49	37.16	357.65	49.59

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 10/Jan/2010

Position as on 6.30 Hrs of 11/Jan/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)	31/03/2010
Tata Trombay 5	500	03/01/2010	00.57		Continued.	AOH	01/02/2010
Koyna Unit 2	75	03/01/2010	08:00		Continued.	checking bearing vibration & realignment work.	19/01/2010
Khaparkhedha Unit 1	210	05/01/2010	23.57		Continued.	AOH	09/02/2010
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	12/01/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	Low Demand.	
Cent_Sect Tarapur 1	80	09/12/2009	09:22		Continued.	Condenser Tube Leakage.	02/02/2010
Parli Unit 3	210	07/01/2010	23.37		Continued.	Drum safty valve testing.	11/01/2010
Nasik Unit 1	125	10/01/2010	23.15		Continued.	H.P.Heater line leakage	12/01/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jan/2010

Position as on 6.30 Hrs of 11/Jan/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	16/12/2009	13:00		Continued.	H/T.
Dhule-Sar'Sarovar - II	09/01/2010	21.18	10/01/2010	13.35	Taken on TBC to attend Red Hot on isolator.
Voltage Level : 400KV			Outage Type TRIPPED		
Seoni - Wardha	11/01/2010	05.55		Continued.	Tripped
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT - II @ Koradi.	04/01/2010	10.38		Continued.	400KV Main Breaker Overhaul. H.V.side of ICT on TBC
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/132KV 100MVA ICT-II at Parli-II	26/12/2009	09.10		Continued.	Replacement of H.V./L.V.Breaker
Padghe - Nashik - II	09/01/2010	08.22	10/01/2010	22.30	Conductor replacement work.
Pedambe - Pophali - II	10/01/2010	10.30	10/01/2010	13.50	To attend Hot Spot
Pedambe-Pophali I	10/01/2010	13.53	10/01/2010	16.50	To attend Red Hot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	07/01/2010	18.04		Continued.	Hand Tripped To Control Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Aurangabad - Bhenda	12/12/2009	09.39		Continued.	H/T at A'Bad to control ICT loading
Wardha-Badnera	07/01/2010	17.37		Continued.	H/T due to Chandrapur ICT outage to control ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
New Koyna - Koyna Stage IV - II	10/01/2010	13.54	10/01/2010	14.50	Over Voltage
New Koyna - Koyna Stage IV - II	10/01/2010	17.52	10/01/2010	18.46	Over Voltage
New Koyna - Koyna Stage IV - II	10/01/2010	23.47		Continued.	Tripped on Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
K'gaon-Lonand	10/01/2010	17.52	10/01/2010	18.46	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Nandurbar - Rly TSS - I	10/01/2010	08.25	10/01/2010	12.05	R phase P.T.Burst
Dondaicha - Nandurbar	10/01/2010	08.25	10/01/2010	09.15	R phase P.T.of Rly TSS Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Jan/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	70
Unit 5	200	160
Unit 6	210	160
Unit 7	210	170
	1040	710
Bhusawal		
Unit 1	58	50
Unit 2	210	185
Unit 3	210	190
	478	425
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	0
Unit 4	210	200
Unit 5	210	180
Unit 6	250	245
	940	671
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	180
Unit 4	210	200
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2040
Paras		
Unit 2	55	46
Unit 3	250	225
	305	271
Khaparkheda		
Unit 1	210	0
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	610
Nasik		
Unit 1	120	0
Unit 2	120	86
Unit 3	210	187
Unit 4	210	187
Unit 5	210	167
	870	627
Uran		
All Units	852	470
	852	470
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	20
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	59
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	14
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	318
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	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPPPL II	960	1144
RGPPPL III	740	
	1700	1144
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
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	3197
	3143	3197

	17616	13460
--	--------------	--------------