



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Feb/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	128.634	1593.668	1) Madhya Pradesh	65.679	836.423
2) Hydro	6.662	96.827	2) Gujrat	13.441	300.766
3) Gas	12.906	157.211	3) Goa	-6.286	-81.705
Total MSGENCO	148.202	1847.706	4) TAPS 1&2 (Inj.)	7.345	88.590
B) OTHERS			5) Pench (Excess)	-0.123	-2.362
1) RGPPL Gas	37.997	406.926	# Total Cent. Sector	80.056	1141.712
2) Wind Generation	1.672	30.317	F) Other Exchanges		
3) PENCH (MS)	0.123	2.362	1) With TPCL	-1.819	-52.464
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	23.979	307.253	1) MSEDCL Bilateral	5.635	76.386
2) TPCL Hydro	4.060	65.440	Include PX	0.000	1.247
TOTAL TPCL	28.039	372.693	2) MUMBAI Bilateral	2.867	55.446
3) REL Thermal	12.717	164.097	Include PX	1.418	35.200
D) STATE			3) MUMBAI Schedule	2.867	60.488
1) Thermal (A1+C1+C3)	165.330	2065.018	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	10.845	164.629	1) MSEDCL	266.231	3376.559
3) Gas (A3+B1)	50.903	564.137	2) TPCL	27.492	384.850
4) Wind (B2)	1.672	30.317	3) REL	15.082	204.299
TOTAL STATE	228.750	2824.101	TOTAL STATE	308.805	3965.708

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	5378	5196	5357
MSGENCO Hydro	442	558	202
MSGENCO Gas	535	541	550
MSGENCO Total Generation	6355	6295	6109
Central Sector Receipt	3337	3815	2591
RGPPL	1590	1590	1585
WIND	68	91	31
Exchange with TPCL	-150	-127	-6
MSEDCL DEMAND MET	11200	11711	10310
Load Shedding	3464	3931	0
MSEDCL DEMAND (INCL. LS)	14664	15642	10310
TPCL GENERATION	1525	1486	713
REL GENERATION	529	529	532
TPCL+REL DEMAND	2204	2142	1251
STATE DEMAND MET	13404	13853	11561
STATE DEMAND (INCL. LS)	16868	17784	11561
Frequency (Hz)	49.76	49.94	50.05
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4113 Mw at 23.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			66.23 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.48 Hz at 05.07 Hrs	49.31 Hz at 22.33 Hrs	49.91	0 % 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 13/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.79	24.74	81	54	70
Unit 2	1.62	18.59	72	61	60
Unit 3	0.00	0.00	0	0	0
Unit 4	1.76	14.53	81	66	70
Unit 5	3.37	45.56	152	113	140
Unit 6	3.76	49.26	171	147	160
Unit 7	4.37	56.40	195	170	180
	16.67	209.08			680
Bhusawal					
Unit 1	1.15	14.27	50	44	50
Unit 2	4.49	58.51	202	162	195
Unit 3	4.48	59.22	194	180	195
	10.12	132.00			440
Parli					
Unit 1	0.60	7.32	26	24	23
Unit 2	0.57	6.99	25	23	23
Unit 3	3.72	48.21	172	143	160
Unit 4	4.59	54.41	199	172	200
Unit 5	0.00	0.00	0	0	0
Unit 6	5.89	79.21	251	232	250
	15.37	196.14			656
Chandrapur					
Unit 1	3.40	45.20	145	135	150
Unit 2	3.51	48.40	153	135	160
Unit 3	3.80	54.19	204	105	180
Unit 4	4.46	59.01	200	166	210
Unit 5	10.56	129.35	460	417	450
Unit 6	9.40	117.36	415	370	450
Unit 7	9.78	133.55	452	374	450
	44.91	587.06			2050
Paras					
Unit 2	0.98	13.90	48	22	30
Unit 3	4.64	57.48	206	178	200
	5.62	71.37			230
Khaparkheda					
Unit 1	4.39	9.80	203	149	190
Unit 2	4.50	58.63	201	176	190
Unit 3	4.94	63.18	214	181	180
Unit 4	4.98	57.77	213	200	210
	18.80	189.38			770
Nasik					
Unit 1	2.30	23.92	100	91	95
Unit 2	2.23	19.66	99	87	95
Unit 3	3.16	51.85	178	0	170
Unit 4	4.67	51.39	201	187	195
Unit 5	4.80	61.82	208	181	182
	17.15	208.63			737
Uran					
All Units	12.91	157.21	550	522	520
	12.91	157.21			520
Koyna					
Stage 1-2	0.81	17.21	50	30	440
Stage 4	0.21	12.89	145	0	250
Kovna 12&4 Total	1.02	30.10			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.15	6.48	132	0	240
	1.16	36.58			930
Hydro					
KDPH	0.76	4.08	38	0	36
VTRNA	0.00	3.64	0	0	0
TILLARI	0.35	4.70	59	0	60
BHTGR/VEER	1.97	23.13	82	82	80
BHIRA T.R.	0.19	3.50	67	0	80
RNGR+BHTSA	0.31	3.77	15	12	15
BHANDARDRA	0.70	4.17	30	28	31
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.06	0.70	10	0	10
GHATGHAR	1.17	11.28	125	0	0
	5.50	60.25			312
PENCH (MS)					
Pench (MS)	0.12	2.36	47	0	
	0.12	2.36			
Wind					
MalharPeth	0.07	1.04			
Vankuswadi	0.19	2.99			
ATIT	0.12	1.06			
Kale	0.04	0.85			
Satara	0.08	1.40			
Shirala	0.05	0.98			
K Mahankal	0.03	0.36			
Supa	0.09	0.73			
Vita	0.17	5.33			
Dondaicha	0.40	9.62			
Sakri	0.08	1.56			
Nandurbar	0.06	1.42			
Khadakale	0.24	1.73			
Khaparale	0.06	1.22			
	1.67	30.32			
Dabhol					
RGPP L II	38.00	406.93	1600	1570	1600
RGPP L III		0.00	0	0	
	38.00	406.93			1600
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.57	57.11	480	220	500
Trombay 6	5.31	130.35	320	150	500
Trombay 7A	2.45	31.56	126	88	120
Trombay 7B	1.46	19.20	68	56	60
Trombay 8	5.20	69.03	250	150	250
TATA Hydro	4.06	65.44	456	0	447
	28.04	372.69			1877
REL					
1&2	12.72	164.10	533	522	500
	12.72	164.10			500
Cent Sect					
Share					3049
					3049

MS PG CL	Thermal	128.63	1593.67		5563
	Thml+Gas	141.54	1750.88		6083
	Hydro	6.66	96.83		1242
	Total	148.20	1847.71		7325
State Total		228.75	2824.10		14351

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Feb/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	5350	202	540	6092	1580	31	2526	3009	-45	-16	10696	1091	11787	1424	13211	50.00
2	5393	192	540	6125	1581	24	2526	2590	-45	-14	10306	769	11075	1347	12422	49.91
3	5410	192	550	6152	1585	17	2526	2756	-45	-11	10499	0	10499	1301	11800	50.04
4	5357	202	550	6109	1585	31	2526	2591	-45	-6	10310	0	10310	1251	11561	50.05
5	5427	192	550	6169	1580	38	2530	2841	-45	-12	10616	0	10616	1257	11873	49.95
6	5490	192	550	6232	1587	30	2789	3222	-45	-15	11056	1405	12461	1261	13722	50.01
7	5544	192	541	6277	1600	42	2971	3201	45	78	11198	1860	13058	1406	14464	49.96
8	5529	197	540	6266	1595	32	2971	3305	45	79	11277	2993	14270	1522	15792	49.88
9	5474	195	541	6210	1580	18	2967	3273	45	78	11159	3126	14285	1687	15972	50.00
10	5404	342	541	6287	1590	17	3148	3287	-139	-92	11089	3461	14550	2010	16560	49.88
11	5441	424	540	6405	1600	17	3138	3433	-139	-99	11356	3321	14677	2160	16837	49.95
12	5378	442	535	6355	1590	68	3177	3337	-184	-150	11200	3464	14664	2204	16868	49.76
13	5336	320	525	6181	1590	44	3195	3538	-184	-139	11214	3320	14534	2155	16689	49.88
14	5345	315	525	6185	1588	59	3184	3514	-184	-141	11205	3245	14450	2039	16489	50.05
15	5387	320	525	6232	1575	82	3184	3554	-184	-142	11301	3182	14483	2040	16523	49.89
16	5359	317	522	6198	1575	100	3183	3515	-184	-139	11249	2919	14168	2026	16194	49.84
17	5380	317	522	6219	1576	133	3187	3635	-184	-141	11422	3172	14594	1990	16584	49.81
18	5384	340	538	6262	1586	122	3206	3612	-184	-142	11440	3116	14556	1983	16539	49.96
19	5260	466	536	6262	1580	105	2942	3500	-187	-159	11310	3717	15027	2060	17087	49.86
20	5196	558	541	6295	1590	91	3077	3815	-187	-127	11711	3931	15642	2142	17784	49.94
21	5162	235	540	5937	1570	133	3108	3948	-187	-124	11504	3587	15091	2055	17146	49.81
22	5200	175	540	5915	1574	151	3110	3762	-187	-117	11299	3599	14898	1924	16822	49.92
23	5231	175	544	5950	1570	151	2809	3513	-229	-160	11024	3399	14423	1721	16144	49.69
24	5204	160	530	5894	1570	136	2713	3305	-184	-108	10797	2249	13046	1610	14656	49.84
MUs	128.64	6.66	12.91	148.21	38.00	1.67	70.69	80.06	-2.87	-1.82	266.24	60.93	327.16	42.58	369.74	49.91

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 13/Feb/2010

Position as on 6.30 Hrs of 14/Feb/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
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
Uran Unit 6	108	20/01/2010	01:22		Continued.	Major Overhauling work.	05/03/2010
Koyna Unit 9	80	20/01/2010	11:00		Continued.	AOH.	19/02/2010
Koyna Unit 7	80	10/02/2010	08.10		Continued.	Pressure Shaft work(For 15 Days)	25/02/2010
Koyna Unit 8	80	10/02/2010	08.25		Continued.	Needle valve work (For 15 Days)	25/02/2010
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
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Parli Unit 5	210	30/01/2010	17.34	14/02/2010	18.21	Hydrogen Leakage	
Cent_Sect TARAPUR-3	540	08/02/2010	01.47	14/02/2010	11.54	Tripped.	
Nasik Unit 3	210	13/02/2010	18.10	14/02/2010	10.10	W/D due to clinker formation.	
Uran Unit 8	108	14/02/2010	00.10	14/02/2010	14.42	Filter replacement.	
Khaparkheda Unit 4	210	14/02/2010	21.27		Continued.	Turbine Vibration	17/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2010

Position as on 6.30 Hrs of 14/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
Akola - Wardha - II	05/02/2010	09.22		Continued.	H/T to control Akola Bus Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	06/02/2010	10.15		Continued.	R Ph.of breaker caught fire Bus Bar Protection Operated.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-I at Kharghar	04/02/2010	12.18		Continued.	Taken on TBC.
400/220 KV,600 MVA ICT-I @ Kalwa	11/02/2010	08.35		Continued.	Replacement of 29C isolator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Aurangabad - Padegaon - I.	27/01/2010	16:35		Continued.	BKR. Replacement work, ckt on TBC. (15 days)
TBC at Kalwa.	08/02/2010	11.35		Continued.	Replacement of 29 C Isolator.
Bus Coupler Bay @ Karad	08/02/2010	12.02		Continued.	Isolator and Breaker Replacement.
Raymond-Washala	11/02/2010	08.00	14/02/2010	16.50	Ckt.Breaker overhaul.
220 KV Jejuri Bus. I	11/02/2010	13.30		Continued.	Outage.
K'gaon-Lonand	13/02/2010	09.00	13/02/2010	17.34	Earth wire stringing work.
Babaleshwar - Chalisgaon	13/02/2010	09.10	13/02/2010	17.48	Breaker replacement wpork
New parly-Nanded	13/02/2010	15.37	13/02/2010	17.14	Relay Retrofitting work.
BBLSR-Chalisgaon	13/02/2010	17.45		Continued.	Main C.B.replacement work,Ckt charged on TBC.
Boisor - Dahanu	14/02/2010	08.44	14/02/2010	16.46	R.M.Work.
220/100 125 MVA ICT - II @ Trombay	14/02/2010	12.45	14/02/2010	19.38	To Attend Oil Leakage.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Manmad - I	12/02/2010	09.30		Continued.	Breaker replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Murud-Bale	08/02/2010	20.40		Continued.	Due to isolator problem,taken on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	11/02/2010	18.28		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Buccholtz Trip.
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV,25 MVA T/F-I at Katol	23/01/2010	10.44		Continued.	Differential protection operated.
Amravati - Achalpur	13/02/2010	11.58	13/02/2010	16.12	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	80
Unit 5	200	150
Unit 6	210	160
Unit 7	210	200
	1040	740
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	170
Unit 4	210	200
Unit 5	210	0
Unit 6	250	250
	940	666
Chandrapur		
Unit 1	210	150
Unit 2	210	140
Unit 3	210	180
Unit 4	210	180
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2000
Paras		
Unit 2	55	46
Unit 3	250	210
	305	256
Khaparkheda		
Unit 1	210	190
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	800
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	0
Unit 4	210	205
Unit 5	210	200
	870	595
Uran		
All Units	852	380
	852	380
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	240
	1920	930
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	80
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	31
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	312
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	1571
RGPPPL III	740	
	1700	1571
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	500
	500	500
Cent Sect		
Share	3143	2846
	3143	2846

	17616	13913
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