



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Feb/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.701	2104.373	1) Madhya Pradesh	53.596	1068.708
2) Hydro	10.846	131.450	2) Gujrat	22.228	365.406
3) Gas	12.707	205.405	3) Goa	-6.850	-107.029
Total MSGENCO	151.254	2441.228	4) TAPS 1&2 (Inj.)	7.322	117.922
B) OTHERS			5) Pench (Excess)	-0.710	-4.431
1) RGPPL Gas	37.892	559.951	# Total Cent. Sector	75.586	1440.576
2) Wind Generation	2.570	41.423	F) Other Exchanges		
3) PENCH (MS)	0.710	4.431	1) With TPCL	-2.587	-59.578
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.128	405.841	1) MSEDCL Bilateral	5.907	100.033
2) TPCL Hydro	4.767	79.802	Include PX	0.000	1.247
TOTAL TPCL	29.895	485.643	2) MUMBAI Bilateral	3.529	67.092
3) REL Thermal	12.756	215.015	Include PX	1.927	41.642
D) STATE			3) MUMBAI Schedule	3.529	72.135
1) Thermal (A1+C1+C3)	165.585	2725.229	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.323	215.683	1) MSEDCL	265.425	4428.031
3) Gas (A3+B1)	50.599	765.356	2) TPCL	29.472	495.750
4) Wind (B2)	2.570	41.423	3) REL	15.766	264.376
TOTAL STATE	235.077	3747.691	TOTAL STATE	310.663	5188.157

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	5410	5470	5071
MSGENCO Hydro	944	785	147
MSGENCO Gas	538	501	540
MSGENCO Total Generation	6892	6756	5758
Central Sector Receipt	2988	3444	2525
RGPPL	1592	1558	1607
WIND	41	123	133
Exchange with TPCL	-207	-212	-8
MSEDCL DEMAND MET	11357	11716	10015
Load Shedding	2822	3719	1329
MSEDCL DEMAND (INCL. LS)	14179	15435	11344
TPCL GENERATION	1627	1552	720
REL GENERATION	531	530	533
TPCL+REL DEMAND	2365	2294	1261
STATE DEMAND MET	13722	14010	11276
STATE DEMAND (INCL. LS)	16544	17729	12605
Frequency (Hz)	49.87	49.94	50.18
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3387 MW At 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			60.91 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.34 Hz at 04:01 Hrs	49.5 Hz at 22:12 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 17/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.72	31.83	82	49	70
Unit 2	1.63	25.01	74	62	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.90	21.90	97	52	55
Unit 5	3.74	60.54	170	129	150
Unit 6	3.78	64.52	170	150	150
Unit 7	4.29	74.16	194	151	180
	17.06	277.97			675
Bhusawal					
Unit 1	1.20	19.07	50	50	50
Unit 2	4.67	76.97	200	188	195
Unit 3	4.66	77.75	195	185	195
	10.53	173.79			440
Parli					
Unit 1	0.53	9.54	26	20	23
Unit 2	0.50	9.17	23	19	23
Unit 3	3.66	62.88	166	137	160
Unit 4	3.84	71.19	180	137	200
Unit 5	4.48	13.01	192	175	180
Unit 6	5.89	101.70	250	231	250
	18.90	267.49			836
Chandrapur					
Unit 1	3.19	58.31	138	126	150
Unit 2	3.27	61.62	143	126	140
Unit 3	4.14	70.40	197	106	160
Unit 4	4.49	76.67	200	164	210
Unit 5	9.88	170.14	435	380	450
Unit 6	9.15	153.78	413	340	450
Unit 7	9.94	173.57	445	382	450
	44.06	764.49			2010
Paras					
Unit 2	1.02	17.89	46	35	40
Unit 3	0.00	66.95	0	0	0
	1.02	84.84			40
Khaparkheda					
Unit 1	4.83	28.54	215	184	205
Unit 2	4.53	76.77	194	183	190
Unit 3	5.07	83.68	214	200	210
Unit 4	3.06	65.29	214	0	0
	17.48	254.27			605
Nasik					
Unit 1	2.09	32.56	102	0	100
Unit 2	2.25	28.54	99	85	100
Unit 3	4.79	69.02	210	175	190
Unit 4	4.69	70.18	200	187	210
Unit 5	4.83	81.23	209	190	200
	18.65	281.52			800
Uran					
All Units	12.71	205.40	541	492	530
	12.71	205.40			530
Koyna					
Stage 1-2	2.12	25.58	295	25	440
Stage 4	2.71	18.84	278	0	250
Kovna 12&4 Total	4.82	44.41			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.07	9.46	160	0	240
	5.90	53.87			930
Hydro					
KDPH	0.00	4.08	0	0	0
VTRNA	0.79	4.43	61	0	0
TILLARI	0.36	6.18	62	0	60
BHTGR/VEER	1.68	30.30	70	70	89
BHIRA T.R.	0.19	4.15	80	0	44
RNGR+BHTSA	0.36	5.12	15	15	15
BHANDARDRA	0.77	7.23	32	32	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	0.79	14.02	125	0	0
	4.95	77.58			240
PENCH (MS)					
Pench (MS)	0.71	4.43	51	0	0
	0.71	4.43			0
Wind					
MalharPeth	0.09	1.39			
Vankuswadi	0.24	3.98			
ATIT	0.04	1.48			
Kale	0.09	1.19			
Satara	0.27	1.99			
Shirala	0.12	1.36			
K Mahankal	0.01	0.58			
Supa	0.15	1.08			
Vita	0.72	7.19			
Dondaicha	0.28	12.95			
Sakri	0.06	2.14			
Nandurbar	0.03	1.95			
Khadakale	0.38	2.72			
Khaparale	0.08	1.43			
	2.57	41.42			
Dabhol					
RGPP L II	37.89	559.95	1609	1529	1630
RGPP L III	0.00	0.00	0	0	0
	37.89	559.95			1630
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.11	93.36	415	225	450
Trombay 6	6.48	155.40	470	150	500
Trombay 7A	2.76	42.05	127	88	120
Trombay 7B	1.57	25.31	69	58	60
Trombay 8	5.20	89.72	250	150	250
TATA Hydro	4.77	79.80	481	0	447
	29.90	485.64			1827
REL					
1&2	12.76	215.02	534	529	500
	12.76	215.02			500
Cent Sect					
Share					3183
					3183

MS PG CL	Thermal	127.70	2104.37		5406
	Thml+Gas	140.41	2309.78		5936
	Hydro	10.85	131.45		1170
	Total	151.25	2441.23		7106
State Total		235.08	3747.69		14246

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	5146	152	540	5838	1597	164	2710	2644	-42	-11	10232	1721	11953	1435	13388	50.01
2	5114	147	540	5801	1598	137	2710	2608	-42	-9	10135	1721	11856	1341	13197	49.95
3	5115	147	540	5802	1605	128	2710	2529	-42	-8	10056	1382	11438	1285	12723	50.04
4	5071	147	540	5758	1607	133	2710	2525	-42	-8	10015	1329	11344	1261	12605	50.18
5	5050	152	541	5743	1609	161	2710	2746	-42	-8	10251	1451	11702	1260	12962	50.12
6	5093	222	541	5856	1601	163	2695	2990	-42	-7	10628	2099	12727	1304	14031	49.90
7	5212	202	540	5954	1603	160	2883	2816	48	86	10644	2518	13162	1482	14644	49.81
8	5229	237	540	6006	1606	112	2874	3420	48	85	11239	2620	13859	1619	15478	49.83
9	5262	326	539	6127	1605	77	2874	3281	48	84	11174	2547	13721	1801	15522	49.81
10	5324	603	539	6466	1594	47	3034	3410	-191	-149	11393	2628	14021	2112	16133	49.75
11	5406	934	539	6879	1593	58	3272	3144	-191	-148	11572	2504	14076	2278	16354	49.93
12	5410	944	538	6892	1592	41	3331	2988	-245	-207	11357	2822	14179	2365	16544	49.87
13	5396	628	524	6548	1585	45	3292	3193	-245	-217	11205	2736	13941	2335	16276	49.82
14	5407	623	533	6563	1591	31	3257	3361	-245	-218	11379	2370	13749	2200	15949	50.07
15	5415	635	522	6572	1570	45	3257	3485	-245	-216	11489	2033	13522	2261	15783	49.84
16	5351	513	530	6394	1566	53	3257	3809	-245	-216	11631	1932	13563	2269	15832	49.84
17	5425	418	535	6378	1552	70	3257	3605	-245	-219	11411	2506	13917	2237	16154	49.84
18	5453	536	535	6524	1555	85	3257	3531	-245	-193	11549	2592	14141	2209	16350	49.92
19	5474	668	530	6672	1565	108	3101	3333	-248	-223	11502	3355	14857	2269	17126	49.92
20	5470	785	501	6756	1558	123	3223	3444	-248	-212	11716	3719	15435	2294	17729	49.94
21	5485	653	520	6658	1537	136	3178	3347	-201	-140	11588	3347	14935	2188	17123	49.85
22	5524	537	515	6576	1541	131	2960	3170	-201	-137	11331	3129	14460	2038	16498	49.91
23	5482	407	492	6381	1529	184	2955	3113	-234	-171	11087	2928	14015	1762	15777	49.77
24	5387	230	493	6110	1533	178	2930	3094	-190	-125	10841	2028	12869	1633	14502	49.93
MUs	127.70	10.85	12.71	151.25	37.89	2.57	72.44	75.59	-3.53	-2.59	265.42	58.02	323.44	45.24	368.68	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 17/Feb/2010

Position as on 6.30 Hrs of 18/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
Paras Unit 3	250	16/02/2010	02.35		Continued.	AOH.	05/03/2010
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
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Khaparkheda Unit 4	210	14/02/2010	21.27	17/02/2010	06.50	Turbine Vibration	
Nasik Unit 1	125	17/02/2010	22.30		Continued.	Boiler Tube Leakage	20/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2010

Position as on 6.30 Hrs of 18/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.
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
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 : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 100MVA ICT-III AT PARLY-II	08/02/2010	13.03	17/02/2010	18.41	Replacement of HV side Breaker
220 KV Jejuri Bus. I	11/02/2010	13.30		Continued.	Outage.
Baramati 220KV Bay at Jejuri	15/02/2010	13.00		Continued.	Repl.of 21A Isolator(Ckt on TBC)
Vita - Pandharpur	16/02/2010	05.32	17/02/2010	19.10	Erection of New Tower
Vita - Karkambh	16/02/2010	05.32	17/02/2010	21.42	Erection of New Tower
Pedambe-Newkoyna	17/02/2010	08.05	17/02/2010	19.09	Stringing work
New Koyna - Pawas	17/02/2010	08.46	17/02/2010	18.42	Stringing work
Kanhan - Bhandara - I	17/02/2010	10.45	17/02/2010	13.45	Q.M.Work
Lamboti-Bale-II	17/02/2010	15.02	17/02/2010	17.34	Relay Testing work
Khaparkheda-Kawlewada-II	17/02/2010	15.07	17/02/2010	17.31	Replacement of E/W
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Manmad - I	12/02/2010	09.30		Continued.	Breaker replacement(ckt on TBC)
Bhugaon - Deoli	17/02/2010	10.40	17/02/2010	17.50	CT replacement work
Main Bus-II at Ambazari	17/02/2010	13.55	17/02/2010	15.08	Phasing out of 200MVA ICT(New)
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Salshet ckt-II	17/02/2010	09.21	17/02/2010	17.30	Testing work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Badnera - Rly TSS - II	16/02/2010	12.34	17/02/2010	11.36	To attend Oil Leakage of MCB (ckt on TBC)
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Harangul - Nilanga	16/02/2010	18.50	17/02/2010	16.50	Ckt on TBC due to MCB closing prob.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	15/02/2010	12.07		Continued.	H/T for O/v.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Phursungi - Theur	17/02/2010	13.23	17/02/2010	19.30	To control Lonikand ICT loading
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/02/2010	11.22		Continued.	To control Chikhali ICT Loading
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Bucchoitz Trip.
Bhugaon-Pusad	16/02/2010	17.53	17/02/2010	13.21	Distance protection
Hinjawadi-I - Hinjawadi-II	17/02/2010	12.49	17/02/2010	15.24	Distance Protection
K'gaon-Lonand	17/02/2010	13.15	17/02/2010	13.43	Distance protection
Bablsr-Ranjangaon	18/02/2010	03.55	18/02/2010	04.12	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2010

Position as on 6.30 Hrs of 18/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
132/33 KV,25 MVA T/F-I at Katol	23/01/2010	10.44		Continued.	Differential protection operated.
Bhandara - Madgi -I	17/02/2010	21.38	17/02/2010	21.53	Distance protection
Bhandara-Madgi CKT.II	17/02/2010	21.38	17/02/2010	21.54	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/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	70
Unit 5	200	160
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	160
Unit 4	210	200
Unit 5	210	180
Unit 6	250	250
	940	836
Chandrapur		
Unit 1	210	150
Unit 2	210	140
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2060
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	210
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	0
Unit 2	120	100
Unit 3	210	200
Unit 4	210	195
Unit 5	210	200
	870	695
Uran		
All Units	852	480
	852	480
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	60
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	9
GHATGHAR	250	0
	611	317
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		
RGPL II	960	1560
RGPL III	740	
	1700	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	500
	500	500
Cent Sect		
Share	3143	3222
	3143	3222