



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Feb/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.907	2232.280	1) Madhya Pradesh	51.509	1120.217
2) Hydro	10.150	141.600	2) Gujrat	25.176	390.582
3) Gas	11.737	217.142	3) Goa	-6.704	-113.733
Total MSGENCO	149.794	2591.022	4) TAPS 1&2 (Inj.)	7.352	125.274
B) OTHERS			5) Pench (Excess)	-1.060	-5.491
1) RGPPL Gas	37.235	597.186	# Total Cent. Sector	76.273	1516.849
2) Wind Generation	2.475	43.898	F) Other Exchanges		
3) PENCH (MS)	1.060	5.491	1) With TPCL	-2.702	-62.280
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.545	431.386	1) MSEDCL Bilateral	5.907	105.940
2) TPCL Hydro	4.804	84.606	Include PX	0.000	1.247
TOTAL TPCL	30.349	515.992	2) MUMBAI Bilateral	3.505	70.597
3) REL Thermal	12.746	227.761	Include PX	1.927	43.569
D) STATE			3) MUMBAI Schedule	3.505	75.640
1) Thermal (A1+C1+C3)	166.198	2891.427	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.014	231.697	1) MSEDCL	264.135	4692.166
3) Gas (A3+B1)	48.972	814.328	2) TPCL	29.921	525.671
4) Wind (B2)	2.475	43.898	3) REL	15.875	280.251
TOTAL STATE	233.659	3981.350	TOTAL STATE	309.931	5498.088

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	5198	5402	5487
MSGENCO Hydro	429	781	147
MSGENCO Gas	482	498	493
MSGENCO Total Generation	6109	6681	6127
Central Sector Receipt	3509	3565	2571
RGPPL	1564	1510	1567
WIND	74	89	157
Exchange with TPCL	-203	-195	-3
MSEDCL DEMAND MET	11104	11701	10429
Load Shedding	3396	3725	0
MSEDCL DEMAND (INCL. LS)	14500	15426	10429
TPCL GENERATION	1657	1604	730
REL GENERATION	531	529	532
TPCL+REL DEMAND	2391	2328	1265
STATE DEMAND MET	13495	14029	11694
STATE DEMAND (INCL. LS)	16891	17754	11694
Frequency (Hz)	49.58	49.86	49.86
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4121 MW At 23.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			64.80 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.31 Hz at 18:03 Hrs	49.1 Hz at 12:39 Hrs	49.7	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 18/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.69	32.52	84	0	80
Unit 2	1.68	26.69	75	61	70
Unit 3	0.00	0.00	0	0	0
Unit 4	0.44	22.35	73	0	70
Unit 5	4.02	64.56	174	162	160
Unit 6	3.87	68.40	179	130	160
Unit 7	4.71	78.87	204	182	200
	15.42	293.38			740
Bhusawal					
Unit 1	1.20	20.27	50	50	50
Unit 2	4.50	81.47	197	179	195
Unit 3	4.64	82.39	195	180	195
	10.34	184.13			440
Parli					
Unit 1	0.57	10.12	25	18	23
Unit 2	0.56	9.73	25	19	23
Unit 3	3.81	66.68	169	142	160
Unit 4	4.19	75.39	183	158	200
Unit 5	3.96	16.97	195	0	180
Unit 6	5.87	107.57	250	235	250
	18.96	286.45			836
Chandrapur					
Unit 1	3.36	61.67	149	132	150
Unit 2	3.41	65.03	157	131	140
Unit 3	4.33	74.73	200	137	210
Unit 4	4.53	81.21	199	170	210
Unit 5	10.48	180.62	462	415	450
Unit 6	9.28	163.07	405	355	450
Unit 7	10.45	184.02	450	409	450
	45.86	810.35			2060
Paras					
Unit 2	1.07	18.96	48	41	45
Unit 3	0.00	66.95	0	0	0
	1.07	85.91			45
Khaparkheda					
Unit 1	4.84	33.38	215	185	210
Unit 2	4.70	81.47	201	187	190
Unit 3	5.08	88.75	214	208	210
Unit 4	5.02	70.30	214	186	210
	19.64	273.91			820
Nasik					
Unit 1	0.00	32.56	0	0	0
Unit 2	2.13	30.67	97	60	100
Unit 3	4.86	73.87	210	190	200
Unit 4	4.78	74.96	206	191	195
Unit 5	4.86	86.09	208	192	200
	16.62	298.14			695
Uran					
All Units	11.74	217.14	498	462	480
	11.74	217.14			480
Koyna					
Stage 1-2	2.64	28.21	235	30	440
Stage 4	2.22	21.06	326	0	250
Kovna 12&4 Total	4.86	49.27			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.95	10.41	160	0	240
	5.81	59.68			930
Hydro					
KDPH	0.00	4.08	0	0	0
VTRNA	0.97	5.39	61	0	60
TILLARI	0.36	6.54	60	0	60
BHTGR/VEER	1.68	31.98	70	70	60
BHIRA T.R.	0.20	4.36	70	0	80
RNGR+BHTSA	0.36	5.48	15	15	16
BHANDARDRA	0.77	8.00	32	32	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	9
GHATGHAR	0.00	14.02	0	0	0
	4.34	81.92			317
PENCH (MS)					
Pench (MS)	1.06	5.49	51	10	
	1.06	5.49			
Wind					
MalharPeth	0.12	1.51			
Vankuswadi	0.27	4.25			
ATIT	0.06	1.55			
Kale	0.12	1.31			
Satara	0.26	2.25			
Shirala	0.12	1.48			
K Mahankal	0.01	0.59			
Supa	0.05	1.13			
Vita	0.46	7.65			
Dondaicha	0.46	13.40			
Sakri	0.10	2.24			
Nandurbar	0.07	2.02			
Khadakale	0.21	2.93			
Khaparale	0.15	1.58			
	2.48	43.90			
Dabhol					
RGPP L II	37.24	597.19	1587	1507	1560
RGPP L III	0.00	0.00	0	0	
	37.24	597.19			1560
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	8.94	102.29	420	225	500
Trombay 6	7.64	163.04	510	150	500
Trombay 7A	2.30	44.36	127	71	120
Trombay 7B	1.44	26.75	69	55	60
Trombay 8	5.23	94.95	250	152	250
TATA Hydro	4.80	84.61	481	0	447
	30.35	515.99			1877
REL					
1&2	12.75	227.76	532	529	500
	12.75	227.76			500
Cent Sect					
Share					3222
					3222

MS PG CL	Thermal	127.91	2232.28		5636
	Thml+Gas	139.64	2449.42		6116
	Hydro	10.15	141.60		1247
	Total	149.79	2591.02		7363
State Total		233.66	3981.35		14522

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	5455	208	493	6156	1534	182	2731	2608	-37	-10	10489	719	11208	1450	12658	49.89
2	5422	156	493	6071	1539	174	2731	2729	-37	-9	10529	0	10529	1310	11839	49.80
3	5446	152	493	6091	1570	173	2731	2623	-37	-5	10477	0	10477	1276	11753	49.84
4	5487	147	493	6127	1567	157	2731	2571	-37	-3	10429	0	10429	1265	11694	49.86
5	5498	147	493	6138	1569	140	2731	2625	-37	-2	10495	1169	11664	1259	12923	49.82
6	5529	382	493	6404	1572	144	2729	2640	-37	-3	10800	2138	12938	1300	14238	49.72
7	5498	167	493	6158	1582	150	2950	2879	53	90	10909	2481	13390	1507	14897	49.61
8	5442	364	493	6299	1587	107	2889	3148	53	89	11280	2663	13943	1615	15558	49.67
9	5372	400	493	6265	1581	100	2868	2936	47	86	11018	2717	13735	1814	15549	49.64
10	5294	435	493	6222	1572	69	3112	3370	-192	-151	11132	3076	14208	2142	16350	49.56
11	5226	502	492	6220	1566	56	3303	3477	-192	-151	11218	3225	14443	2317	16760	49.63
12	5198	429	482	6109	1564	74	3351	3509	-246	-203	11104	3396	14500	2391	16891	49.58
13	5215	515	462	6192	1558	39	3301	3539	-246	-244	11135	3378	14513	2337	16850	49.55
14	5199	385	467	6051	1558	38	3346	3642	-246	-239	11101	3364	14465	2272	16737	49.64
15	5224	468	463	6155	1550	55	3353	3553	-246	-243	11121	3503	14624	2288	16912	49.54
16	5225	410	480	6115	1559	81	3353	3417	-246	-242	10981	3383	14364	2316	16680	49.70
17	5279	580	480	6339	1527	86	3353	3468	-246	-241	11230	3406	14636	2327	16963	49.71
18	5308	642	493	6443	1507	105	3354	3490	-246	-243	11353	3085	14438	2267	16705	49.69
19	5309	777	498	6584	1510	89	3099	3163	-249	-205	11192	3694	14886	2269	17155	49.73
20	5402	781	498	6681	1510	89	3223	3565	-249	-195	11701	3725	15426	2328	17754	49.86
21	5397	676	498	6571	1536	99	3113	3619	-202	-139	11737	3381	15118	2203	17321	49.68
22	5236	485	498	6219	1542	93	2875	3357	-202	-138	11124	3392	14516	2014	16530	49.74
23	5180	624	498	6302	1539	74	2793	3075	-235	-174	10867	3378	14245	1838	16083	49.61
24	5066	318	498	5882	1536	101	2816	3270	-191	-127	10713	2315	13028	1692	14720	49.78
MUs	127.91	10.15	11.74	149.79	37.24	2.48	72.84	76.27	-3.51	-2.70	264.14	61.59	325.72	45.80	371.52	49.70

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 18/Feb/2010

Position as on 6.30 Hrs of 19/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	18/02/2010	16.35	Pressure Shaft work(For 15 Days)	
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.	
Nasik Unit 1	125	17/02/2010	22.30		Continued.	Boiler Tube Leakage	20/02/2010
Koradi Unit 4	115	18/02/2010	07.17		Continued.	Boiler T/L.	22/02/2010
Koradi Unit 1	105	18/02/2010	08.37		Continued.	CRH Problem.	21/02/2010
Parli Unit 5	210	18/02/2010	21.30		Continued.	Bearing oil leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2010

Position as on 6.30 Hrs of 19/Feb/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		
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 : 400KV			Outage Type PLANNED OUTAGE		
Parli-Lonikand - II	18/02/2010	09.14	18/02/2010	17.36	Attending air leakage of B-Ph breaker and attending oil leakage of R-Ph C.T.
400 KV TBC-I at Chandrapur	18/02/2010	15.10	18/02/2010	19.08	C.R.M.Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
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)
Pedambe-Newkoyna	18/02/2010	07.45	18/02/2010	18.20	Stringing Work of 400 KV Jaigad-N.Koyna line.
New Koyna - Pawas	18/02/2010	08.38	18/02/2010	18.36	Stringing work of 400 KV Jaigad-N.Koyna line..
Apta-Uran-II	18/02/2010	09.16	18/02/2010	19.09	Maintaince work.
Century Enka - Khadki	18/02/2010	09.57	18/02/2010	18.15	Q.M.Work
Lonikand-Theur - I	18/02/2010	09.57	18/02/2010	18.42	Repairing of defective Insulator strings.
Kurkumb-Bhigwan	18/02/2010	10.40	18/02/2010	18.05	Replacement of Distance Relay.
PUSAD-BHUGAON	18/02/2010	11.45	18/02/2010	18.50	Testing work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalishaon - Manmad - I	12/02/2010	09.30	18/02/2010	16.07	Breaker replacement(ckt on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	15/02/2010	12.07		Continued.	H/T for O/v.
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.
Bablswr-Ranjangaon	18/02/2010	03.55	18/02/2010	04.12	Distance Protection
Kandalgaon - Pophali	18/02/2010	12.00	18/02/2010	12.30	Distance protection.
220/132KV,115MVA ICT-II at Lonand.	18/02/2010	14.15	18/02/2010	15.10	C.T.Oil leakage.
Pophali-New Koyna	18/02/2010	15.12	18/02/2010	16.20	Tripped on O/C.
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.
Malkapur - Khamgaon	18/02/2010	05.05	18/02/2010	05.44	Dist.Protection operated Z-I.
Amravati - Akola	18/02/2010	06.28	18/02/2010	06.48	Dist.protection operated.
Bhandara-Mouda	18/02/2010	22.10	18/02/2010	22.28	Dist.protection operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	0
Unit 4	105	0
Unit 5	200	170
Unit 6	210	150
Unit 7	210	190
	1040	580
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	0
Unit 6	250	250
	940	656
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	180
Unit 4	210	210
Unit 5	500	450
Unit 6	500	425
Unit 7	500	450
	2340	2015
Paras		
Unit 2	55	46
Unit 3	250	0
	305	46
Khaparkheda		
Unit 1	210	205
Unit 2	210	195
Unit 3	210	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	205
Unit 4	210	205
Unit 5	210	205
	870	710
Uran		
All Units	852	470
	852	470
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	61
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	308
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	1555
RGPPPL III	740	
	1700	1555
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	3110
	3143	3110

	17616	14017
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