



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Feb/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.885	2120.696	1) Madhya Pradesh	56.828	863.764
2) Hydro	24.793	428.806	2) Gujrat	26.557	480.332
3) Gas	11.925	212.033	3) Goa	-6.257	-105.267
Total MSGENCO	155.603	2761.535	4) TAPS 1&2 (Inj.)	7.770	131.661
B) OTHERS			5) Pench (Excess)	-0.258	-4.672
1) RGPPL Gas	28.667	495.721	# Total Cent. Sector	84.640	1365.818
2) Wind Generation	2.137	46.644	F) Other Exchanges		
3) CPP	28.478	445.867	1) With TPCL (Excess)	-5.542	-80.777
4) PENCH (MS)	0.258	4.672	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	19.347	304.978
1) TPCL Thermal	24.266	420.353	Include PX	0.000	0.000
2) TPCL Hydro	3.510	64.709	2) MUMBAI Bilateral	6.484	87.929
TOTAL TPCL	27.776	485.062	Include PX	-0.046	-12.081
3) REL Thermal	12.683	215.563	3) MUMBAI Schedule	6.484	87.929
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	155.834	2756.612	1) MSEDCL	294.241	5039.480
2) Hydro (A2+B3+C2)	28.561	498.187	2) TPCL	30.829	522.023
3) Gas (A3+B1)	40.592	707.754	3) REL	15.172	259.473
4) Wind (B2)	2.137	46.644	TOTAL STATE	340.242	5820.976
5) CPP (B3)	28.478	445.867			
TOTAL STATE	255.602	4455.064			

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	5245	4560	5232
MSGENCO Hydro	1234	1809	145
MSGENCO Gas	480	488	516
MSGENCO Total Generation	6959	6857	5893
Central Sector Receipt	3634	3587	2973
RGPPL	1204	1201	1157
WIND	25	60	182
CPP	1230	1199	1130
Exchange with Mumbai	-353	-475	-14
MSEDCL DEMAND MET	12699	12476	11321
Load Shedding (LS)	815	420	0
MSEDCL DEMAND (INCL. LS)	13514	12896	11321
TPCL GENERATION	1548	1345	777
REL GENERATION	529	528	528
TPCL+REL DEMAND	2430	2348	1319
STATE DEMAND MET	15129	14824	12640
Load Management (LM)	2471	3903	0
Total Load Relief (LS+LM)	3286	4323	0
UNRESTRICTED STATE DEMAND	18415	19147	12640
Frequency (Hz)	50.01	49.85	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.5 Hz at 18:02 Hrs	49.38 Hz at 18:54 Hrs	49.93	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 17/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.86	65.96	176	140	162
Unit 6	4.15	35.73	191	130	162
Unit 7	4.44	61.80	205	150	180
	12.46	163.49			504
Bhusawal					
Unit 2	0.00	61.84	0	0	0
Unit 3	4.00	47.10	190	145	170
Unit 4			0	0	
	4.00	108.94			170
Parli					
Unit 3	4.18	59.89	183	155	180
Unit 4	3.79	63.90	166	146	165
Unit 5	4.42	58.49	200	158	185
Unit 6	5.46	91.51	246	199	235
Unit 7	5.40	90.84	253	196	240
	23.25	364.62			1005
Chandrapur					
Unit 1	3.77	62.50	163	152	160
Unit 2	3.78	64.14	164	151	165
Unit 3	4.68	62.38	203	180	200
Unit 4	4.36	70.95	192	158	190
Unit 5	7.02	190.62	495	0	490
Unit 6	0.05	167.83	49	0	0
Unit 7	10.63	188.32	480	396	480
	34.28	806.74			1685
Paras					
Unit 3	5.77	72.07	248	227	235
Unit 4	5.51	81.04	246	214	235
	11.28	153.11			470
Khaparkheda					
Unit 1	4.90	82.36	210	175	210
Unit 2	4.81	69.81	206	195	210
Unit 3	4.62	82.54	219	162	210
Unit 4	3.30	8.01	213	0	210
Unit 5		0.00	0	0	
	17.64	242.72			840
Nasik					
Unit 1	1.85	33.85	88	67	90
Unit 2	1.90	34.78	88	67	90
Unit 3	4.10	72.28	190	135	190
Unit 4	4.27	75.45	202	150	200
Unit 5	3.88	64.71	171	146	180
	16.00	281.07			750
Uran					
All Units	11.92	212.03	520	468	470
	11.92	212.03			470
Dabhol					
RGPPL	28.67	495.72	1255	1123	1200
	28.67	495.72			1200
Koyna					
Stage 1-2	3.68	84.14	475	35	600
Stage 4	11.76	198.28	960	0	250
Stage 3	3.22	59.76	240	0	320
	18.67	342.18			1170
Kovna 12&4 Total	15.44	282.42			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	7.57	20	19	18
VTRNA	0.65	2.09	61	0	60
TILLARI	0.40	7.94	60	0	60
BHTGR/VEER	0.49	7.29	22	20	23
BHIRA T.R.	0.21	3.90	65	0	80
RNGR+BHTSA	0.36	6.08	15	14	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.42	4.86	23	15	0
SMLHY PTN	0.93	14.15	48	35	25
GHATGHAR	2.21	32.75	250	0	0
	6.13	86.62			282
PENCH (MS)					
Pench (MS)	0.26	4.67	50	0	
	0.26	4.67			
Wind					
MalharPeth	0.07	1.70			
Vankuswadi	0.23	4.33			
ATIT	0.03	0.80			
Kale	0.08	1.62			
Satara	0.20	3.91			
Shirala	0.06	1.59			
K Mahankal	0.01	1.98			
Supa	0.04	1.13			
Vita	0.13	9.61			
Dondaicha	0.73	11.84			
Nandurbar	0.12	1.47			
Khandke	0.07	2.80			
Khaparale	0.25	1.85			
	2.03	44.63			
CPP					
JSW JAIGAD	14.31	95.42	607	580	550
WARDHA	7.35	49.62	349	276	316
Other CPPs	6.82	300.82			
	28.48	445.87			866
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.03	180.50	490	280	500
Trombay 6	4.20	71.79	275	150	500
Trombay 7A	3.05	49.77	130	124	120
Trombay 7B	1.64	26.91	69	67	60
Trombay 8	5.35	91.38	252	150	250
TATA Hydro	3.51	64.71	445	0	447
	27.78	485.06			1877
REL					
1&2	12.68	215.56	529	527	500
	12.68	215.56			500
Cent Sect					
Share					3634
					3634

MS PG CL	Thermal	118.88	2120.70			5424
	Thml+Gas	130.81	2332.73			5894
	Hydro	24.79	428.81			1452
	Total	155.60	2761.54			7346
State Total		255.60	4455.06			15423

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Feb/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	5353	210	513	6076	1156	181	1157	3158	3004	-194	-104	11470	0	11470	1421	12891	49.89
2	5232	145	516	5893	1157	182	1130	3094	2973	-122	-14	11321	0	11321	1319	12640	50.08
3	5248	144	515	5907	1156	168	1137	3047	3172	-72	53	11593	0	11593	1253	12846	50.01
4	5232	174	516	5922	1135	155	1143	3047	3512	-72	83	11950	705	11950	1223	13878	49.99
5	5193	156	515	5864	1123	143	1144	3046	3577	-72	36	11887	1503	11892	1271	14661	49.86
6	5225	495	513	6233	1124	118	1153	3081	3655	-72	-24	12259	1934	12269	1360	15553	49.98
7	5150	1024	517	6691	1240	145	1225	3346	3633	-172	-163	12771	2523	12836	1558	16852	49.74
8	5166	1692	520	7378	1252	164	1174	3281	3391	-65	-53	13306	2784	13630	1665	17755	49.80
9	5241	1427	515	7183	1252	44	1223	3449	3239	-267	-247	12711	3382	13633	1917	18010	49.95
10	5227	1409	507	7143	1255	20	1199	3381	3277	-240	-227	12693	3331	13564	2200	18224	50.06
11	5243	1328	497	7068	1254	19	1214	3491	3430	-372	-356	12636	3304	13523	2359	18299	50.03
12	5245	1234	480	6959	1204	25	1230	3491	3634	-372	-353	12699	3286	13514	2430	18415	50.01
13	5191	1310	476	6977	1201	32	1208	3491	3674	-372	-381	12711	3454	13694	2340	18505	49.92
14	5138	1380	468	6986	1203	42	1199	3449	3530	-322	-330	12630	3430	13589	2278	18338	50.07
15	4986	1407	471	6864	1202	52	1218	3473	3844	-346	-356	12824	3439	13775	2302	18565	49.91
16	4651	1495	481	6627	1200	59	1207	3473	4057	-346	-355	12795	3389	13696	2300	18484	49.98
17	4428	1514	480	6422	1200	60	1212	3473	3870	-346	-356	12408	3380	13330	2276	18064	49.91
18	4504	1593	480	6577	1201	81	1177	3474	3866	-346	-355	12547	3288	13582	2206	18041	49.97
19	4608	1788	483	6879	1198	78	1153	3410	3565	-397	-381	12508	4147	13240	2269	18924	49.75
20	4560	1809	488	6857	1201	60	1199	3624	3587	-494	-475	12476	4323	12896	2348	19147	49.85
21	4545	1423	488	6456	1199	65	1227	3445	3596	-306	-275	12314	4082	12498	2167	18563	49.77
22	4484	1145	487	6116	1200	91	1196	3576	3482	-446	-376	11759	3892	11759	2057	17708	49.79
23	4518	284	500	5302	1184	90	1186	3386	3770	-371	-315	11266	3360	11266	1839	16465	49.97
24	4517	207	499	5223	1170	63	1167	3191	3302	-296	-218	10707	3350	10707	1643	15700	49.98
MUs	118.8 8	24.79	11.92	155.60	28.67	2.14	28.48	80.38	84.64	-6.48	-5.54	294.24	66.29	305.23	46.00	406.53	49.93

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 # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 17/Feb/2011

Position as on 6.30 Hrs of 18/Feb/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Dabhol 3A	230	29/01/2011	17.35		Continued.	Heavy leakage in CW Duct	28/02/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	28/02/2011
Uran Unit 6	108	05/02/2011	11.28		Continued.	Stator Earth Fault	02/03/2011
FORCED OUTAGE							
Bhusawal Unit 2	210	16/02/2011	13.46		Continued.	Boiler Tube Leakage	18/02/2011
Chandrapur Unit 6	500	17/02/2011	00.15		Continued.	Clinker Formation.	
Chandrapur Unit 5	500	17/02/2011	15.05		Continued.	Superheater T/L.	19/02/2011
Khaparkheda Unit 4	210	17/02/2011	15.38	17/02/2011	23.11	Reheater Protection Operated.	
Koradi Unit 6	210	18/02/2011	03.37		Continued.	Furnace Pressure Low.	
Nasik Unit 3	210	18/02/2011	04.10		Continued.	Flame/Failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2011

Position as on 6.30 Hrs of 18/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	12/02/2011	23.50	17/02/2011	08.26	Over Voltage
Kolhapur - Mapusa - I	16/02/2011	22.08	17/02/2011	09.44	Over Voltage.
Dhule-Sar'Sarovar - II	17/02/2011	22.27		Continued.	Over Voltage.
Kolhapur - Mapusa - II	17/02/2011	23.46		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Wardha - Deoli (PGCIL)	10/02/2011	15.18		Continued.	220KV Wardha-Yavatmal line reoriented as 220KV Deoli-Yavatmal Ckt via 220KV Aux.Bus of 220KV Wardha S/S.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC POLE II - CHDPR	17/02/2011	07.52	18/02/2011	04.23	Stringing work of 400 KV Bhadravati-Parli & Wardha-Parli line by PGCIL.
HVDC POLE I -CHDPR	17/02/2011	07.52	17/02/2011	23.29	Stringing work of 400 KV Bhadravati-Parli & Wardha-Parli line by PGCIL.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus - I @ Kolhapur	15/02/2011	10.06		Continued.	Alignment of Isolators.
400/220 KV 315 MVA ICT-II @ Lonikand	17/02/2011	09.50	17/02/2011	18.02	Bay Maintenance Work.
400/220 KV 300 MVA ICT-I @ Koradi	17/02/2011	14.03	17/02/2011	18.01	To check Bucholz alarm indication.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/100 KV125 MVA ICT-III @Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
220/132KV 50MVA ICT-I @Peth	04/02/2011	08.45		Continued.	Augmentation by 100MVA ICT(upto 18/02/2011).
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthening Mumbai system up to 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 28.02.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 15/03/11
220/132KV 100 MVA ICT-I @ Khadka	10/02/2011	10.14		Continued.	Replacement of 100MVA by200 MVA ICT(upto 06.03.11)
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing og new Ckt.between loc.no.22-39 on newly erected towers
Chinchwad-Bhosari	17/02/2011	05.40	17/02/2011	21.01	Errection of 2 new towers and dismantling of existing towers at loc.no.147,149.
Bhosari-Telco	17/02/2011	06.00	17/02/2011	20.58	Errection of 2 new towers and dismantling of existing towers at loc.no.147,149.
Versova - Arey- I	17/02/2011	07.37	17/02/2011	20.22	Cable work,Goregaon LILO work.
220/100 KV 200 MVA T/F - IV @ Apta	17/02/2011	11.16	17/02/2011	16.32	SF-6 Gas Leakage attending work.
Dhule-Dondaicha-II	17/02/2011	12.27	17/02/2011	21.32	Line isolator alignment work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara - Madgi - II	14/02/2011	11.02	17/02/2011	13.58	Erection of Tower and Restrtring work

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Feb/2011

Position as on 6.30 Hrs of 18/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhandara - Madgi -I	14/02/2011	11.10	17/02/2011	13.56	Erection of Tower and Restranging work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-I @ Parly.	11/02/2011	22.43		Continued.	PDR problem (ICT LV side is on TBC)
400/132KV 200 MVA ICT-I @ Bhusawal	17/02/2011	14.36	17/02/2011	15.26	Attending Red Hot on line side R-Ph isolator.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV,200MVA ICT-III At Nanded.	17/02/2011	12.00	17/02/2011	15.15	To attend oil leakages from OLTC chamber.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	17/02/2011	01.38	17/02/2011	07.19	Over Voltage.
Karad - Kolhapur - I	17/02/2011	22.48		Continued.	Oveer Voltage.
Bhusawal- Aurangabad	17/02/2011	22.49	18/02/2011	05.14	Oveer Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Dhule-Chalisgaon	18/01/2011	15.53		Continued.	To control O/L Dhule ICT's.
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
220/100KV, 200MVA T/F-IV at Kalwa	06/02/2011	20.32		Continued.	For Thermovision inspection
Aurangabad - Babaleshwar	13/02/2011	11.35		Continued.	To control BBLSR ICT load
Hingoli-Pusad	15/02/2011	12.46		Continued.	To Control Pusad-Bhugaon Line Loading.
Chandrapur-Wani	17/02/2011	07.41	17/02/2011	16.58	Due to outage on HVDC Pole I & II outage.(Ckt charged from Wani end only)
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salsette - II	04/02/2011	17.14		Continued.	H/T From Kalwa end.
Voltage Level : 220KV			Outage Type TRIPPED		
Wardha - Yawatmal	10/02/2011	15.18		Continued.	220KV Wardha-Yawatmal line reoriented as 220KV Deoli-Yawatmal Ckt via 220KV Aux.Bus of 220KV Wardha S/S.
Uran-Kharghar-I	18/02/2011	03.47	18/02/2011	04.12	Tripped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	0
Unit 7	210	180
	620	340
Bhusawal		
Unit 2	210	0
Unit 3	210	200
Unit 4	500	
	920	200
Parli		
Unit 3	210	155
Unit 4	210	165
Unit 5	210	188
Unit 6	250	225
Unit 7	250	213
	1130	946
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	190
Unit 5	500	0
Unit 6	500	0
Unit 7	500	480
	2340	1190
Paras		
Unit 3	250	220
Unit 4	250	217
	500	437
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	200
Unit 4	210	150
Unit 5	500	
	1340	770
Nasik		
Unit 1	120	76
Unit 2	120	76
Unit 3	210	162
Unit 4	210	172
Unit 5	210	157
	870	643
Uran		
All Units	852	470
	852	470
Dabhol		
RGPP	960	1200
	960	1200
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	20

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	22
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	
SMLHY PTN	12	26
GHATGHAR	250	
	611	283
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	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	300	550
WARDHA	135	316
Other CPPs	0	
	435	866
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	422
	2024	1852
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3495
	3143	3495