



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Feb/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.412	2229.108	1) Madhya Pradesh	57.448	921.212
2) Hydro	27.841	456.647	2) Gujrat	25.989	506.321
3) Gas	11.954	223.987	3) Goa	-5.710	-110.977
Total MSGENCO	148.207	2909.742	4) TAPS 1&2 (Inj.)	7.810	139.471
B) OTHERS			5) Pench (Excess)	-0.324	-4.996
1) RGPPL Gas	28.684	524.405	# Total Cent. Sector	85.213	1451.031
2) Wind Generation	2.341	48.985	F) Other Exchanges		
3) CPP	28.226	474.093	1) With TPCL (Excess)	-5.609	-86.386
4) PENCH (MS)	0.324	4.996	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	7.939	312.917
1) TPCL Thermal	23.867	444.220	Include PX	0.000	0.000
2) TPCL Hydro	3.554	68.263	2) MUMBAI Bilateral	5.737	93.666
TOTAL TPCL	27.421	512.483	Include PX	0.000	-12.081
3) REL Thermal	12.687	228.250	3) MUMBAI Schedule	5.737	93.666
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	144.966	2901.578	1) MSEDCL	287.386	5326.866
2) Hydro (A2+B3+C2)	31.719	529.906	2) TPCL	30.594	552.617
3) Gas (A3+B1)	40.638	748.392	3) REL	15.122	274.595
4) Wind (B2)	2.341	48.985	TOTAL STATE	333.102	6154.078
5) CPP (B3)	28.226	474.093			
TOTAL STATE	247.890	4702.954			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 1 Hrs
MSGENCO Thermal	4400	4909	4551
MSGENCO Hydro	2308	1405	294
MSGENCO Gas	501	487	516
MSGENCO Total Generation	7209	6801	5361
Central Sector Receipt	3245	3375	3613
RGPPL	1204	1207	1163
WIND	33	113	36
CPP	1236	1192	1067
Exchange with Mumbai	-204	-404	-102
MSEDCL DEMAND MET	12750	12336	11138
Load Shedding (LS)	1268	301	0
MSEDCL DEMAND (INCL. LS)	14018	12637	11138
TPCL GENERATION	1397	1402	782
REL GENERATION	529	529	528
TPCL+REL DEMAND	2130	2335	1412
STATE DEMAND MET	14880	14671	12550
Load Management (LM)	2441	3877	0
Total Load Relief (LS+LM)	3709	4178	0
UNRESTRICTED STATE DEMAND	18589	18849	12550
Frequency (Hz)	49.64	49.85	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 16:04 Hrs	49.27 Hz at 06:46 Hrs	49.85	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 18/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.76	69.72	170	140	160
Unit 6	1.60	37.34	163	0	0
Unit 7	4.04	65.84	185	130	180
	9.40	172.89			340
Bhusawal					
Unit 2	0.07	61.91	45	0	0
Unit 3	4.47	51.57	195	175	200
Unit 4			0	0	
	4.54	113.48			200
Parli					
Unit 3	4.13	64.02	189	137	155
Unit 4	3.75	67.64	163	146	165
Unit 5	4.34	62.83	195	160	188
Unit 6	5.11	96.62	230	200	225
Unit 7	3.64	94.48	212	103	213
	20.97	385.59			946
Chandrapur					
Unit 1	3.81	66.31	167	150	160
Unit 2	3.85	67.99	167	154	160
Unit 3	4.68	67.07	203	174	200
Unit 4	4.42	75.37	193	164	190
Unit 5	0.00	190.62	0	0	0
Unit 6	0.93	168.76	284	0	0
Unit 7	10.92	199.24	473	425	480
	28.61	835.35			1190
Paras					
Unit 3	5.23	77.30	247	108	220
Unit 4	5.66	86.70	250	193	217
	10.89	164.00			437
Khaparkheda					
Unit 1	4.98	87.34	215	185	210
Unit 2	4.85	74.66	210	191	210
Unit 3	4.89	87.43	220	185	200
Unit 4	4.48	12.49	213	100	150
Unit 5		0.00	0	0	
	19.20	261.92			770
Nasik					
Unit 1	1.89	35.74	91	71	76
Unit 2	1.83	36.61	87	67	76
Unit 3	3.34	75.62	195	0	162
Unit 4	3.85	79.30	204	115	172
Unit 5	3.90	68.61	181	136	157
	14.81	295.88			643
Uran					
All Units	11.95	223.99	520	475	470
	11.95	223.99			470
Dabhol					
RGPPL	28.68	524.40	1235	1140	1200
	28.68	524.40			1200
Koyna					
Stage 1-2	5.50	89.64	540	40	600
Stage 4	12.59	210.88	1075	0	250
Stage 3	3.94	63.70	318	0	320
	22.04	364.22			1170
Kovna 12&4 Total	18.09	300.52			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	8.02	19	18	20
VTRNA	0.86	2.94	61	0	60
TILLARI	0.34	8.28	59	0	60
BHTGR/VEER	0.49	7.78	22	20	22
BHIRA T.R.	0.19	4.09	80	0	80
RNGR+BHTSA	0.36	6.45	16	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.42	5.28	23	15	
SMLHY PTN	1.09	15.23	54	42	26
GHATGHAR	1.61	34.36	250	0	
	5.81	92.43			283
PENCH (MS)					
Pench (MS)	0.32	5.00	52	0	
	0.32	5.00			
Wind					
MalharPeth	0.06	1.76			
Vankuswadi	0.16	4.49			
ATIT	0.02	0.83			
Kale	0.07	1.69			
Satara	0.19	4.10			
Shirala	0.05	1.64			
K Mahankal	0.01	2.00			
Supa	0.12	1.25			
Vita	0.41	10.02			
Dondaicha	0.75	12.59			
Nandurbar	0.10	1.57			
Khandke	0.19	2.99			
Khaparale	0.10	1.95			
	2.23	46.86			
CPP					
JSW JAIGAD	13.77	109.20	598	495	550
WARDHA	7.32	56.94	324	275	316
Other CPPs	7.14	307.96			
	28.23	474.09			866
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.88	190.38	490	275	500
Trombay 6	3.96	75.74	240	150	500
Trombay 7A	3.05	52.82	129	125	120
Trombay 7B	1.63	28.54	69	67	60
Trombay 8	5.36	96.74	251	155	250
TATA Hydro	3.55	68.26	431	0	422
	27.42	512.48			1852
REL					
1&2	12.69	228.25	530	527	500
	12.69	228.25			500
Cent Sect					
Share					3495
					3495

MS PG CL	Thermal	108.41	2229.11			4526
	Thml+Gas	120.37	2453.10			4996
	Hydro	27.84	456.65			1453
	Total	148.21	2909.74			6449
State Total		247.89	4702.95			14362

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4551	294	516	5361	1163	36	1067	3080	3613	7	-102	11138	0	11138	1412	12550	49.86
2	4594	179	518	5291	1159	44	1063	3032	3452	7	-26	10983	445	10983	1331	12759	49.91
3	4492	189	518	5199	1157	34	1099	3000	3478	57	47	11014	1501	11014	1258	13773	49.94
4	4513	477	519	5509	1155	41	1164	3000	3588	36	62	11519	1469	11519	1243	14231	49.97
5	4281	1111	518	5910	1140	48	1174	2999	3461	30	27	11760	1565	11763	1279	14604	49.87
6	4248	1204	520	5972	1140	47	1175	2984	3835	30	-49	12120	2024	12232	1366	15510	49.84
7	4211	1961	520	6692	1183	57	1228	3249	3349	-89	-165	12344	2763	12666	1541	16648	49.64
8	4269	1994	517	6780	1204	89	1164	3121	3518	-192	-43	12722	3389	13670	1636	17747	49.76
9	4266	2139	504	6909	1203	46	1240	3280	3490	-277	-206	12708	3563	13830	1916	18187	49.76
10	4400	2308	501	7209	1204	33	1236	3281	3245	-285	-204	12750	3709	14018	2130	18589	49.64
11	4385	1698	492	6575	1202	37	1234	3439	3470	-356	-364	12161	3812	13535	2381	18354	49.88
12	4456	1505	483	6444	1202	45	1237	3439	3646	-376	-359	12215	3672	13364	2422	18309	49.85
13	4447	1626	488	6561	1202	43	1228	3439	3831	-376	-403	12462	3700	13639	2384	18546	49.72
14	4399	1584	487	6470	1205	34	1195	3393	3788	-326	-349	12343	3564	13384	2267	18174	50.04
15	4419	1515	480	6414	1204	49	1191	3419	4006	-326	-384	12480	3513	13451	2267	18260	49.94
16	4504	1463	475	6442	1209	66	1202	3403	3852	-326	-402	12369	3464	13291	2263	18096	49.96
17	4648	1096	477	6221	1208	102	1231	3355	3912	-326	-371	12303	3311	13085	2255	17869	49.96
18	4774	1325	484	6583	1207	103	1229	3330	3754	-326	-351	12525	2957	13214	2226	17708	49.88
19	4823	1210	480	6513	1206	133	1199	3278	3448	-401	-386	12146	3926	12698	2259	18331	49.80
20	4909	1405	487	6801	1207	113	1192	3431	3375	-401	-404	12336	4178	12637	2335	18849	49.85
21	4878	745	485	6108	1223	242	1197	3302	3348	-401	-252	11918	3877	11918	2155	17950	49.74
22	4573	380	486	5439	1231	291	1156	3461	3508	-401	-397	11280	3874	11280	1991	17145	49.82
23	4679	212	495	5386	1235	349	1064	3295	3354	-443	-324	11116	3344	11116	1790	16250	49.92
24	4693	221	504	5418	1235	259	1061	3077	2892	-276	-204	10674	3335	10674	1610	15619	49.93
MUs	108.4 1	27.84	11.95	148.21	28.68	2.34	28.23	78.09	85.21	-5.74	-5.61	287.39	70.96	300.12	45.72	404.06	49.85

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 18/Feb/2011

Position as on 6.30 Hrs of 19/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	18/02/2011	22.09	Boiler Tube Leakage	
Chandrapur Unit 6	500	17/02/2011	00.15	18/02/2011	16.51	Clinker Formation.	
Chandrapur Unit 5	500	17/02/2011	15.05		Continued.	Superheater T/L.	21/02/2011
Koradi Unit 6	210	18/02/2011	03.37	18/02/2011	15.43	Furnace Pressure Low.	
Nasik Unit 3	210	18/02/2011	04.10	18/02/2011	08.50	Flame/Failure.	
Cent_Sect NTPC(K-1)	210	18/02/2011	15.41		Continued.	Boiler Tube Leakage	21/02/2011
Chandrapur Unit 6	500	18/02/2011	21.22	18/02/2011	23.45	Condensor Vaccume very Low	
Paras Unit 3	250	18/02/2011	23.34		Continued.	Economiser Tube Leakage	22/02/2011

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2011

Position as on 6.30 Hrs of 19/Feb/2011

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-Sar'Sarovar - II	17/02/2011	22.27		Continued.	Over Voltage.
Kolhapur - Mapusa - II	17/02/2011	23.46	18/02/2011	07.32	Over Voltage.
Kolhapur - Mapusa - I	18/02/2011	20.45		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	18/02/2011	23.27		Continued.	Over Voltage
Akola - Wardha - I	18/02/2011	23.30	19/02/2011	05.05	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.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus - I @ Kolhapur	15/02/2011	10.06	18/02/2011	13.37	Alignment of Isolators.
Chandrapur - Parli - I	18/02/2011	09.22	18/02/2011	16.45	Replacement of damaged pilot,line on TBC
Bus Coupler @ Aurangabad	18/02/2011	11.47	18/02/2011	13.56	Retrofitting work
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 22Feb)
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthing Mumbai system up to 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing 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 of new Ckt.between loc.no.22-39 on newly erected towers
Pawas-Kharepatan	18/02/2011	09.10	18/02/2011	17.55	R.M.Work
Apta-Uran-IV	18/02/2011	09.33	18/02/2011	14.58	R.M.Work
220/132KV 200 MVA ICT-II @ Amravati	18/02/2011	09.51	18/02/2011	12.55	Q.M.Work
220/100KV 200 MVA ICT-II @ Kolshet	18/02/2011	10.38	18/02/2011	16.40	R.M.Work
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Washi	18/02/2011	07.57	18/02/2011	18.00	Stringing work of multi Ckt 220KV Kharghar-Borivali line
Std.Alkali - washi	18/02/2011	07.57	18/02/2011	18.35	Stringing work of multi Ckt 220KV Kharghar-Borivali line.
Kalwa-Standard	18/02/2011	09.34	18/02/2011	16.58	C T Ratio changing.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2011

Position as on 6.30 Hrs of 19/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
400/220 KV 315 MVA ICT-I @ Parly.	11/02/2011	22.43		Continued.	PDR problem (ICT LV side is on TBC)
New Koyna - Dabhol - II	18/02/2011	11.22	18/02/2011	13.40	Checking of SF6 Gas Leakage and refilling of SF6 Gas
400/220 KV 315MVA ICT-II @ Kolhapur	18/02/2011	14.58	18/02/2011	15.04	Shifting of B Bus to A Bus
400/220 KV 300 MVA ICT-I @ Koradi	18/02/2011	23.28	19/02/2011	02.26	For releasing Air from Air Plug Vent
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Uran - Khargar - I	18/02/2011	15.30	18/02/2011	18.15	Attending Red Hot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	17/02/2011	22.48	18/02/2011	14.53	Over Voltage.
Bhusawal- Aurangabad	17/02/2011	22.49	18/02/2011	05.14	Oveer Voltage.
Bhusawal- Aurangabad	18/02/2011	21.21	19/02/2011	04.54	Over Voltage
Karad-Kolhapur-II	18/02/2011	23.00	19/02/2011	06.28	Over 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(upto 25 Feb)
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.
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salsette - II	04/02/2011	17.14	18/02/2011	10.55	H/T From Kalwa end.
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	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.
Karad-Pedambe	19/02/2011	06.28		Continued.	Tripped on distance protection, "R" phase.
Voltage Level : 132KV			Outage Type TRIPPED		
Beed - Talegaon	18/02/2011	11.00	18/02/2011	14.16	Distance Protection
Talegaon - Mazargaon	18/02/2011	11.00	18/02/2011	14.17	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	170
Unit 7	210	200
	620	550
Bhusawal		
Unit 2	210	180
Unit 3	210	200
Unit 4	500	
	920	380
Parli		
Unit 3	210	180
Unit 4	210	155
Unit 5	210	185
Unit 6	250	240
Unit 7	250	200
	1130	960
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	190
Unit 5	500	0
Unit 6	500	400
Unit 7	500	480
	2340	1590
Paras		
Unit 3	250	0
Unit 4	250	235
	500	235
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	170
Unit 4	210	210
Unit 5	500	
	1340	800
Nasik		
Unit 1	120	66
Unit 2	120	66
Unit 3	210	172
Unit 4	210	192
Unit 5	210	157
	870	653
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	19

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	0
SMLHY PTN	12	26
GHATGHAR	250	0
	611	282
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	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3306
	3143	3306