



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Nov/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	105.513	1289.725	1) Madhya Pradesh	56.758	700.005
2) Hydro	3.281	238.428	2) Gujrat	-3.264	202.509
3) Gas	15.095	175.344	3) Goa	-5.577	-77.803
Total MSGENCO	123.889	1703.497	4) TAPS 1&2 (Inj.)	7.323	86.725
B) OTHERS			5) Pench (Excess)	0.155	0.460
1) RGPPL Gas	22.186	269.038	# Total Cent. Sector	55.395	911.896
2) Wind Generation	6.163	94.821	F) Other Exchanges		
3) PENCH (MS)	0.095	10.048	1) With TPCL	-6.247	-78.726
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.718	359.317	1) MSEDCL Bilateral	2.441	42.278
2) TPCL Hydro	2.633	58.722	Include PX	0.000	7.152
TOTAL TPCL	33.351	418.039	2) MUMBAI Bilateral	7.232	83.292
3) REL Thermal	6.396	83.007	Include PX	0.000	19.544
D) STATE			3) MUMBAI Schedule	7.232	88.402
1) Thermal (A1+C1+C3)	142.627	1732.049	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	6.009	307.198	1) MSEDCL	201.481	2910.574
3) Gas (A3+B1)	37.281	444.382	2) TPCL	30.858	385.425
4) Wind (B2)	6.163	94.821	3) REL	15.137	194.361
TOTAL STATE	192.080	2578.450	TOTAL STATE	247.476	3490.360

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4346	4826	3946
MSGENCO Hydro	178	541	66
MSGENCO Gas	649	647	573
MSGENCO Total Generation	5173	6014	4585
Central Sector Receipt	2463	3312	1192
RGPPL	924	926	924
WIND	196	125	445
Exchange with TPCL	-421	-371	-55
MSEDCL DEMAND MET	8335	10033	7091
Load Shedding	0	1708	111
MSEDCL DEMAND (INCL. LS)	8335	11741	7202
TPCL GENERATION	1656	1726	907
REL GENERATION	268	265	266
TPCL+REL DEMAND	2345	2362	1228
STATE DEMAND MET	10680	12395	8319
STATE DEMAND (INCL. LS)	10680	14103	8430
Frequency (Hz)	49.99	49.97	50.22
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2057 MW at 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5.97 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.44 Hz at 23.55 Hrs	49.25 Hz at 08.33 Hrs	49.98	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 12/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	2.04	22.61	96	64	70
Unit 2	0.00	9.03	0	0	0
Unit 3	1.34	13.32	78	0	50
Unit 4	0.00	18.41	0	0	0
Unit 5	0.00	35.53	0	0	0
Unit 6	3.55	39.78	170	136	140
Unit 7	3.68	39.57	179	126	130
	10.61	178.24			390
Bhusawal					
Unit 1	0.54	6.40	25	17	20
Unit 2	3.56	49.36	173	133	180
Unit 3	4.19	50.58	195	145	190
	8.28	106.34			390
Parli					
Unit 1	0.57	6.75	25	22	20
Unit 2	0.57	5.50	25	22	20
Unit 3	3.94	36.98	172	152	150
Unit 4	4.36	51.95	200	160	155
Unit 5	4.10	47.79	178	163	155
Unit 6	0.00	0.00	0	0	0
	13.53	148.98			500
Chandrapur					
Unit 1	3.79	45.80	163	150	165
Unit 2	3.66	35.77	171	142	170
Unit 3	3.58	39.38	173	126	200
Unit 4	3.48	47.63	163	134	210
Unit 5	8.66	96.18	448	316	450
Unit 6	8.57	109.12	405	305	425
Unit 7	8.51	104.10	418	305	425
	40.24	477.98			2045
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.86	58.52	227	172	170
	4.86	58.52			170
Khaparkheda					
Unit 1	4.21	34.62	191	153	180
Unit 2	4.22	38.66	199	154	190
Unit 3	0.00	0.00	0	0	0
Unit 4	4.62	52.70	213	158	210
	13.05	125.98			580
Nasik					
Unit 1	1.76	24.00	89	60	90
Unit 2	1.04	19.83	94	0	0
Unit 3	4.12	54.68	194	128	180
Unit 4	4.18	45.22	188	164	175
Unit 5	3.84	49.96	184	123	180
	14.94	193.68			625
Uran					
All Units	15.10	175.34	656	564	620
	15.10	175.34			620
Koyna					
Stage 1-2	0.98	31.20	75	25	600
Stage 4	0.00	138.62	0	0	250
Koyna 12&4 Total	0.98	169.82			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.90	35.42	280	0	320
	1.88	205.24			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	50
TILLARI	0.38	5.38	60	0	60
BHTGR/VEER	0.23	9.66	14	6	40
BHIRA T.R.	0.18	3.87	79	0	80
RNGR+BHTSA	0.01	3.65	1	0	15
BHANDARDRA	0.38	2.45	48	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.61	9	0	10
GHATGHAR	0.16	3.94	100	0	0
	1.40	33.19			255
PENCH (MS)					
Pench (MS)	0.10	10.05	27	0	
	0.10	10.05			
Wind					
MalharPeth	0.12	7.12			
Vankuswadi	0.38	15.13			
ATIT	0.15	3.92			
Kale	0.35	6.63			
Satara	0.62	6.43			
Shirala	0.23	5.44			
K Mahankal	0.04	4.62			
Supa	0.02	1.61			
Vita	1.16	16.32			
Dondaicha	1.59	12.28			
Sakri	0.38	1.61			
Nandurbar	0.19	1.10			
Khadakale	0.64	6.72			
Khaparale	0.28	5.90			
	6.16	94.82			
Dabhol					
RGPP L II	22.19	269.04	926	924	900
RGPP L III	0.00	0.00	0	0	
	22.19	269.04			900
Tata					
Trombay 4	1.33	1.62	62	48	50
Trombay 5	10.16	111.24	450	280	500
Trombay 6	9.13	125.58	510	150	500
Trombay 7A	2.56	33.24	124	88	100
Trombay 7B	1.51	18.85	68	57	60
Trombay 8	6.03	68.78	254	244	250
TATA Hydro	2.63	58.72	300	0	447
	33.35	418.04			1907
REL					
1&2	6.40	83.01	268	262	250
	6.40	83.01			250
Cent Sect					
Share					2834
					2834

MS PG CL	Thermal	105.51	1289.72		4700
	Thml+Gas	120.61	1465.07		5320
	Hydro	3.28	238.43		1425
	Total	123.89	1703.50		6745
State Total		192.08	2578.45		12636

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Nov/2009

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	4006	99	564	4669	924	516	1461	1219	-82	-57	7271	166	7437	1330	8767	50.16
2	3953	91	571	4615	924	478	1461	1055	-82	-56	7016	166	7182	1301	8483	50.24
3	3946	66	573	4585	924	445	1284	1192	-82	-55	7091	111	7202	1228	8430	50.22
4	3951	71	572	4594	924	442	1272	1257	-82	-55	7162	115	7277	1202	8479	50.19
5	3935	66	573	4574	924	431	1272	1363	-82	-55	7237	115	7352	1238	8590	49.99
6	4050	69	595	4714	924	386	1449	1730	-82	-54	7700	115	7815	1331	9146	49.92
7	4135	64	645	4844	924	345	1461	1968	-82	-55	8026	90	8116	1417	9533	49.84
8	4149	53	656	4858	924	285	1765	2185	-91	-65	8187	90	8277	1657	9934	49.90
9	4177	77	652	4906	924	258	2436	2167	-91	-64	8191	118	8309	1843	10152	49.81
10	4267	118	650	5035	924	248	2878	2113	-403	-373	7947	118	8065	2178	10243	49.84
11	4346	178	649	5173	924	196	3030	2463	-448	-421	8335	0	8335	2345	10680	49.99
12	4378	114	648	5140	924	195	3030	2326	-448	-414	8171	0	8171	2419	10590	49.98
13	4358	41	650	5049	924	214	3029	2374	-450	-394	8167	0	8167	2362	10529	49.90
14	4359	36	650	5045	924	198	3029	2402	-450	-391	8178	0	8178	2328	10506	50.00
15	4351	36	644	5031	924	233	3030	2636	-450	-388	8436	0	8436	2303	10739	49.79
16	4669	56	645	5370	924	203	3030	2607	-450	-390	8714	0	8714	2282	10996	49.86
17	4721	56	649	5426	924	154	2920	2769	-450	-392	8881	1	8882	2302	11184	49.85
18	4763	131	648	5542	924	116	2865	3203	-432	-380	9405	391	9796	2279	12075	49.85
19	4819	587	640	6046	926	110	2899	3403	-409	-366	10146	1247	11393	2389	13782	49.84
20	4826	541	647	6014	926	125	2818	3312	-409	-371	10033	1708	11741	2362	14103	49.97
21	4852	429	641	5922	926	172	2867	3282	-409	-354	9974	1447	11421	2178	13599	50.01
22	4861	198	645	5704	926	149	2820	2893	-409	-352	9335	1429	10764	2077	12841	50.14
23	4842	50	644	5536	926	144	2832	2730	-427	-373	8963	1312	10275	1957	12232	50.01
24	4794	49	644	5487	924	123	2837	2750	-427	-372	8912	871	9783	1686	11469	50.19
MUs	105.51	3.28	15.10	123.88	22.19	6.17	57.78	55.40	-7.23	-6.25	201.48	9.61	211.09	45.99	257.08	49.98

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 12/Nov/2009

Position as on 6.30 Hrs of 13/Nov/2009

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
Paras Unit 2	55	11/10/2009	13:29		Continued.	AOH.	10/11/2009
Khaparkheda Unit 3	210	23/10/2009	23.59		Continued.	Annual Overhaul	19/11/2009
Parli Unit 6	250	31/10/2009	13.01		Continued.	Hydrogen Leakage.	15/11/2009
REL 2	250	02/11/2009	03.06		Continued.	Annual Overhaul	25/11/2009
Koradi Unit 5	200	11/11/2009	16.50		Continued.	To Attend Control Valve Work.	17/11/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	30/11/2009
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
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	07/01/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 2	105	06/11/2009	21.23		Continued.	E.S.P. work	15/11/2009
Nasik Unit 2	125	10/11/2009	21.05	12/11/2009	11.05	Belly Valve Leakage.	
Koradi Unit 4	115	11/11/2009	04.24		Continued.	W/Dn BLR T/L.	
Koradi Unit 3	105	12/11/2009	00.02	12/11/2009	05.18	Oil Feeding Prblem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Nov/2009

Position as on 6.30 Hrs of 13/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
TILLARY-PHONDA	12/11/2009	09.50		Continued.	PLCC work at Amona Stn.(4 days)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Chandrapur-Bhadravti - I	05/11/2009	10.07		Continued.	H/T To control C'pur-Parli line loading.
Dhule-Sar'Sarovar II	09/11/2009	10:48		Continued.	H/T for O/V.
Wardha - Akola - I	11/11/2009	02.40		Continued.	H/T for O/V.
Seoni - Wardha	11/11/2009	02.41		Continued.	H/T for O/V.
Kolhapur-Mapusa-II	11/11/2009	22.06	12/11/2009	14.50	Hand Tripped for Over Voltage.
Kolhapur-Mapusa Ckt I	12/11/2009	23.12		Continued.	H/T for O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32		Continued.	Over hauling work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Karad-Vita-II	12/11/2009	08.19	12/11/2009	17.46	Insulator replacement work.
220/132,100 MVA ICT - I @ A'Nagar	12/11/2009	10.15	12/11/2009	12.25	OLTC Problem.
Dahanu-Ghodbandar-2	12/11/2009	11.06	12/11/2009	17.43	Line maintenance work.
LONIKAND-KATHAPUR	12/11/2009	12.32	12/11/2009	18.51	Bay Maintenance work.
220 KV M .B- II at Jejuri.	12/11/2009	22.00		Continued.	For connecting jumpers of ICT-2.
220/100KV,125MVA ICT-IV at Kalwa	12/11/2009	22.45		Continued.	oil filtration work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
C'pur-Parli II	04/11/2009	18.20		Continued.	Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.
Karad-Kolhapur CKT I	11/11/2009	00.48	12/11/2009	08.48	H/T For O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	10/11/2009	23.21		Continued.	To Control H/V at 400 KV Akola S/S.
Virur - Gadchiroli	12/11/2009	16.50	12/11/2009	18.28	H/T to attend open jumper of B Ph.Loc.50.
Voltage Level : 400KV			Outage Type TRIPPED		
Karad-Lonikand.	11/11/2009	03.05	12/11/2009	09.23	Tripped on O/V at LNKND.
Dabhol - Nagothane - I	11/11/2009	09.59	12/11/2009	15.18	Distance Protection.
Bableshtar-Aurangabad	12/11/2009	00.38	12/11/2009	08.46	Tripped on Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
K'gaon-Lonand	11/11/2009	11.02		Continued.	Distance Protection,B Ph to Earth.
K'gaon-Pirangut	11/11/2009	14.58	12/11/2009	11.03	Distance Protection,Y Ph to Earth.
BBLSWR-AIEPHATA	11/11/2009	16.40	12/11/2009	08.48	Distance Protection,R Ph to Earth.
Virur - Gadchiroli	11/11/2009	23.10	12/11/2009	14:20	Tripped on Distance Protection.
Gadchandur-Virur-I	11/11/2009	23.10	12/11/2009	03.20	Bus Bar Protection Operated.
Gadchandur-Virur-II	11/11/2009	23.10	12/11/2009	03.30	Bus Bar Protection Operated.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Nov/2009

Position as on 6.30 Hrs of 13/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Virur - Railway TSS -I	11/11/2009	23.10	12/11/2009	03.22	Bus Bar Protection Operated.
220/132 KV,100 MVA ICT @ Virur.	11/11/2009	23.10	12/11/2009	03.25	Bus Bar Protection Operated.
Virur - Railway TSS-II	11/11/2009	23.10	12/11/2009	3:22	Bus Bar Protection Operated.
KALWA-GHATGHAR	12/11/2009	03.51	12/11/2009	06.23	Distance Protection R Ph to Earth,Z-1.
220/132 KV,100 MVA ICT-I At Kalmeshwar	12/11/2009	08.07	12/11/2009	08.38	Tripped on Over Current
Voltage Level : 132KV			Outage Type TRIPPED		
132/33KV 25MVA T/F at Hinganghat.	09/11/2009	10:38		Continued.	T/F Caught fire and burnt.
Kalmeshwar-Saoner	12/11/2009	08.07	12/11/2009	08.39	Tripped on distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	0
Unit 3	105	75
Unit 4	105	0
Unit 5	200	0
Unit 6	210	160
Unit 7	210	160
	1040	475
Bhusawal		
Unit 1	58	25
Unit 2	210	160
Unit 3	210	190
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	155
Unit 4	210	185
Unit 5	210	170
Unit 6	250	0
	940	550
Chandrapur		
Unit 1	210	165
Unit 2	210	170
Unit 3	210	200
Unit 4	210	150
Unit 5	500	450
Unit 6	500	425
Unit 7	500	425
	2340	1985
Paras		
Unit 2	55	0
Unit 3	250	220
	305	220
Khaparkheda		
Unit 1	210	180
Unit 2	210	190
Unit 3	210	0
Unit 4	210	210
	840	580
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	185
Unit 5	210	180
	870	735
Uran		
All Units	852	620
	852	620
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	50
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	255
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	900
RGPL III	740	
	1700	900
Tata		
Trombay 4	150	50
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	1927
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3251
	3143	3251