



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

State Load Dispatch Center, Airoli

Daily system Report

for

21/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 21/Nov/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	101.253	2239.525	1) Madhya Pradesh	63.402	1270.453
2) Hydro	14.112	292.753	2) Gujrat	-4.088	224.179
3) Gas	14.873	299.022	3) Goa	-6.334	-129.465
Total MSGENCO	130.238	2831.300	4) TAPS 1&2 (Inj.)	7.312	152.561
B) OTHERS			5) Pench (Excess)	0.000	0.028
1) RGPPL Gas	22.998	464.185	# Total Cent. Sector	60.292	1517.756
2) Wind Generation	2.312	109.404	F) Other Exchanges		
3) PENCH (MS)	0.000	10.480	1) With TPCL	-3.268	-120.557
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.916	638.569	1) MSEDCL Bilateral	3.720	71.836
2) TPCL Hydro	1.980	86.056	Include PX	0.000	7.152
TOTAL TPCL	30.896	724.625	2) MUMBAI Bilateral	4.404	134.315
3) REL Thermal	12.730	163.444	Include PX	0.000	19.496
D) STATE			3) MUMBAI Schedule	4.404	139.425
1) Thermal (A1+C1+C3)	142.899	3041.538	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.092	389.289	1) MSEDCL	212.572	4812.568
3) Gas (A3+B1)	37.871	763.207	2) TPCL	30.543	669.161
4) Wind (B2)	2.312	109.404	3) REL	16.351	339.412
TOTAL STATE	199.174	4303.438	TOTAL STATE	259.466	5821.141

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4145	4400	4034
MSGENCO Hydro	908	1197	89
MSGENCO Gas	660	618	613
MSGENCO Total Generation	5713	6215	4736
Central Sector Receipt	2424	3056	2123
RGPPL	956	956	960
WIND	81	68	162
Exchange with TPCL	-203	-217	13
MSEDCL DEMAND MET	8971	10078	7994
Load Shedding	1444	2152	0
MSEDCL DEMAND (INCL. LS)	10415	12230	7994
TPCL GENERATION	1582	1628	895
REL GENERATION	530	527	533
TPCL+REL DEMAND	2315	2372	1415
STATE DEMAND MET	11286	12450	9409
STATE DEMAND (INCL. LS)	12730	14602	9409
Frequency (Hz)	49.80	49.82	50.28
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2999 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			35.27 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.55 Hz at 16.05 Hrs	49.09 Hz at 08.34 Hrs	49.97	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 21/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.79	38.04	84	62	80
Unit 2	1.73	12.73	76	65	70
Unit 3	0.00	24.88	0	0	0
Unit 4	1.31	31.05	82	22	50
Unit 5	3.27	58.10	154	120	150
Unit 6	3.27	67.54	155	105	150
Unit 7	3.48	70.69	160	127	150
	14.85	303.04			650
Bhusawal					
Unit 1	1.18	16.04	54	42	45
Unit 2	4.06	82.86	188	152	160
Unit 3	4.34	77.96	198	168	190
	9.58	176.87			395
Parli					
Unit 1	0.54	11.78	24	21	25
Unit 2	0.54	10.44	24	20	25
Unit 3	3.51	71.07	175	117	140
Unit 4	4.02	92.43	187	145	165
Unit 5	3.82	84.05	175	137	170
Unit 6	0.13	0.13	49	0	0
	12.56	269.90			525
Chandrapur					
Unit 1	3.69	79.14	158	150	160
Unit 2	3.57	68.82	157	142	160
Unit 3	0.30	61.45	88	0	0
Unit 4	3.37	80.75	159	120	150
Unit 5	8.11	145.13	432	301	450
Unit 6	6.36	186.90	340	225	250
Unit 7	8.54	185.34	385	311	450
	33.94	807.52			1620
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.54	102.30	204	171	200
	4.54	102.30			200
Khaparkheda					
Unit 1	4.34	73.76	188	170	180
Unit 2	0.00	64.69	0	0	0
Unit 3	0.00	5.20	0	0	0
Unit 4	4.80	96.71	212	174	210
	9.14	240.36			390
Nasik					
Unit 1	2.15	39.26	96	74	80
Unit 2	2.01	37.42	98	68	80
Unit 3	4.46	94.25	205	161	180
Unit 4	4.11	83.11	192	140	180
Unit 5	3.93	85.50	170	156	160
	16.65	339.54			680
Uran					
All Units	14.87	299.02	660	539	610
	14.87	299.02			610
Koyna					
Stage 1-2	1.20	40.78	120	30	600
Stage 4	8.57	157.43	705	0	250
Koyna 12&4 Total	9.77	198.21			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.06	41.52	320	0	320
	11.84	239.73			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.37	9.44	59	0	60
BHTGR/VEER	0.82	16.69	34	34	34
BHIRA T.R.	0.22	5.36	83	0	80
RNGR+BHTSA	0.28	6.61	15	0	15
BHANDARDRA	0.51	4.86	32	0	32
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.13	10	0	9
GHATGHAR	0.02	5.31	19	0	0
	2.28	53.02			230
PENCH (MS)					
Pench (MS)	0.00	10.48	0	0	
	0.00	10.48			
Wind					
MalharPeth	0.11	7.88			
Vankuswadi	0.25	17.48			
ATIT	0.04	4.40			
Kale	0.08	7.19			
Satara	0.04	7.11			
Shirala	0.09	6.09			
K Mahankal	0.04	5.01			
Supa	0.03	1.96			
Vita	0.53	19.93			
Dondaicha	0.57	14.58			
Sakri	0.09	2.01			
Nandurbar	0.06	1.32			
Khadakale	0.24	8.00			
Khaparale	0.13	6.43			
	2.31	109.40			
Dabhol					
RGPP L II	23.00	464.18	963	952	900
RGPP L III	0.00	0.00	0	0	
	23.00	464.18			900
Tata					
Trombay 4	0.00	15.37	0	0	0
Trombay 5	10.12	204.04	450	280	500
Trombay 6	8.56	204.52	490	150	500
Trombay 7A	2.65	59.24	127	85	120
Trombay 7B	1.55	33.40	69	57	60
Trombay 8	6.03	122.00	254	250	250
TATA Hydro	1.98	86.06	291	0	447
	30.90	724.62			1877
REL					
1&2	12.73	163.44	533	527	500
	12.73	163.44			500
Cent Sect					
Share					2654
					2654

MS PG CL	Thermal	101.25	2239.52		4460
	Thml+Gas	116.13	2538.55		5070
	Hydro	14.11	292.75		1400
	Total	130.24	2831.30		6470
State Total		199.17	4303.44		12401

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/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	4203	69	616	4888	962	81	2303	2210	-39	-7	8134	326	8460	1611	10071	50.09
2	4188	74	607	4869	960	105	2303	2128	-39	13	8075	0	8075	1545	9620	50.27
3	4158	99	613	4870	961	150	2304	2005	-39	5	7991	0	7991	1440	9431	50.18
4	4034	89	613	4736	960	162	2307	2123	-39	13	7994	0	7994	1415	9409	50.28
5	4073	94	615	4782	961	176	2305	2290	-39	-12	8197	0	8197	1420	9617	50.11
6	4168	376	613	5157	961	160	2174	2540	-39	6	8824	939	9763	1471	11234	49.97
7	4232	537	604	5373	962	167	2116	2368	-39	9	8879	1328	10207	1570	11777	49.88
8	4267	399	609	5275	961	161	2491	2384	44	92	8873	1525	10398	1598	11996	49.93
9	4228	197	628	5053	959	99	2516	2387	44	93	8591	1748	10339	1796	12135	49.75
10	4235	543	654	5432	959	104	2776	2207	-212	-157	8545	1966	10511	2125	12636	49.79
11	4145	908	660	5713	956	81	2754	2424	-257	-203	8971	1444	10415	2315	12730	49.80
12	4181	918	645	5744	953	39	2752	2233	-257	-205	8764	1400	10164	2380	12544	49.79
13	4155	939	647	5741	958	42	2754	2228	-257	-207	8762	1377	10139	2376	12515	49.93
14	4158	944	650	5752	955	25	2792	2190	-257	-208	8714	1246	9960	2281	12241	50.12
15	4065	904	639	5608	952	22	2817	2337	-257	-209	8710	1339	10049	2264	12313	49.81
16	4070	635	644	5349	953	25	2818	2602	-257	-211	8718	1444	10162	2256	12418	49.79
17	4101	663	651	5415	956	36	2818	2918	-257	-214	9111	1507	10618	2213	12831	49.91
18	4086	746	641	5473	955	52	2768	2981	-257	-215	9246	1588	10834	2188	13022	49.81
19	4400	1197	618	6215	956	68	2842	3056	-257	-217	10078	2152	12230	2372	14602	49.82
20	4403	1142	611	6156	957	86	2703	3201	-340	-297	10103	2043	12146	2305	14451	49.85
21	4435	970	613	6018	957	112	2773	3231	-340	-285	10033	1750	11783	2199	13982	50.02
22	4417	686	584	5687	960	113	2701	3050	-340	-284	9526	1740	11266	2049	13315	50.11
23	4438	525	559	5522	961	115	2704	2717	-340	-284	9031	1505	10536	1898	12434	49.93
24	4413	458	539	5410	963	131	2704	2482	-340	-284	8702	1180	9882	1807	11689	50.24
MUs	101.25	14.11	14.87	130.24	23.00	2.31	62.30	60.29	-4.40	-3.27	212.57	29.55	242.12	46.89	289.01	49.97

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 21/Nov/2009

Position as on 6.30 Hrs of 22/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.	25/11/2009
Parli Unit 6	250	31/10/2009	13.01	21/11/2009	19.03	Hydrogen Leakage.	
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	
Cent_Sect NTPC(V-6)	210	15/11/2009	01.20	21/11/2009	07:35	Boiler Inspection work	
Chandrapur Unit 3	210	18/11/2009	21.16	21/11/2009	18.52	Furnace Pressure High.	
Khaparkheda Unit 2	210	18/11/2009	21.37	22/11/2009	08:08	Boiler Tube Leakage.	22/11/2009
Tata Trombay 4	150	18/11/2009	22.42		Continued.	W/Dn.	
Cent_Sect TARAPUR-4	540	20/11/2009	13.54		Continued.	Generator protection	25/11/2009
Khaparkheda Unit 3	210	20/11/2009	20.52	22/11/2009	04:17	Main Steam line Burst	22/11/2009
Koradi Unit 3	105	20/11/2009	22.20		Continued.	ESP PROBLEM	23/11/2009
Parli Unit 6	250	21/11/2009	19.43	21/11/2009	21.10	Rotor Earth Fault Protection	
Parli Unit 6	250	22/11/2009	01.58	22/11/2009	05.16	Drum Level Low	
Koradi Unit 4	115	22/11/2009	02.16		Continued.	Boiler Tube Leakage	25/11/2009
Parli Unit 6	250	22/11/2009	06.24	22/11/2009	09:57	Drum level low	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Nov/2009

Position as on 6.30 Hrs of 22/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d 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.
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.
400/220 KV 315 MVA ICT at Akola	19/11/2009	08.13	22/11/2009	01.36	Replacement of Air cell.
Chandrapur-Parli -I	21/11/2009	09.04		Continued.	Diversion work
400/220 KV,315 MVA ICT-IAT NAGOTHANE	21/11/2009	09.30	21/11/2009	19.29	For attending Hot Spot
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Boiser PGCIL-Boiser II	20/11/2009	10.01	21/11/2009	07.03	Testing work
220/132 KV 200 MVA T/F @ Raymond	21/11/2009	09.23	21/11/2009	19.00	Q.M.Work
Padghe - Nashik - II	21/11/2009	09.30	21/11/2009	16.58	Maintenance Work
Trombay - Tifil	21/11/2009	09.38	21/11/2009	16.56	R.M.Work
220/132KV 100MVA ICT at Bhenda	21/11/2009	10.00	21/11/2009	14.45	Q.M.Work
220/132 KV 150 MVA ICT @ Amravati	22/11/2009	09:26		Continued.	Augmentation of 150 MVA ICT by 200 MVA ICT and other Works.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Solapur - Ujani	20/11/2009	09.40		Continued.	Breaker replacement
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Padgha - Nagothane - I	21/11/2009	21.10		Continued.	Oil leakage in Own CB, line taken on TBC
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 100MVA IBT at Parli.	22/11/2009	22:17		Continued.	Compressor Problem.
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.
Parli-Lonikand - II	16/11/2009	09:02		Continued.	H/T for controlling line loading of Chandrapur-Parali Lines
Karad-Kolhapur-II	20/11/2009	22.48	21/11/2009	10.37	H/T for O/V
Karad-Kolhapur CKT I	21/11/2009	23.42		Continued.	H/T FOR O/V
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	22/11/2009	01.43		Continued.	To increase Akola ICT loading
Wardha--Dhamangaon	22/11/2009	03.00		Continued.	To increase Akola ICT loading

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Nov/2009

Position as on 6.30 Hrs of 22/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	06/11/2009	11:35		Continued.	To Control Chikhali line loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Akola	21/11/2009	04.28	21/11/2009	08.41	Over Voltage
Akola-Bhusawal	21/11/2009	04.28	21/11/2009	08.41	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Bableshtar - Ahemednagar ckt. I	22/11/2009	04.21	22/11/2009	04.49	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 22/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	0
Unit 5	200	150
Unit 6	210	150
Unit 7	210	160
	1040	600
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	190
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	185
Unit 5	210	170
Unit 6	250	100
	940	665
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	425
	2340	2055
Paras		
Unit 2	55	0
Unit 3	250	210
	305	210
Khaparkheda		
Unit 1	210	185
Unit 2	210	0
Unit 3	210	160
Unit 4	210	210
	840	555
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	180
Unit 5	210	160
	870	700
Uran		
All Units	852	630
	852	630
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	34
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	231
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	0
	1700	900
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	2701
	3143	2701