



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Nov/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	102.722	1834.109	1) Madhya Pradesh	64.470	1012.008
2) Hydro	7.586	269.226	2) Gujrat	1.547	226.621
3) Gas	11.772	238.159	3) Goa	-5.693	-104.500
Total MSGENCO	122.080	2341.494	4) TAPS 1&2 (Inj.)	7.312	123.312
B) OTHERS			5) Pench (Excess)	-0.022	0.028
1) RGPPL Gas	22.434	374.353	# Total Cent. Sector	67.614	1257.469
2) Wind Generation	1.017	101.058	F) Other Exchanges		
3) PENCH (MS)	0.022	10.480	1) With TPCL	-4.605	-106.185
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.454	517.490	1) MSEDCL Bilateral	3.720	56.955
2) TPCL Hydro	4.983	72.607	Include PX	0.000	7.152
TOTAL TPCL	38.437	590.097	2) MUMBAI Bilateral	5.569	115.729
3) REL Thermal	6.630	115.190	Include PX	0.000	19.496
D) STATE			3) MUMBAI Schedule	5.569	120.839
1) Thermal (A1+C1+C3)	142.806	2466.789	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.591	352.313	1) MSEDCL	208.562	3978.669
3) Gas (A3+B1)	34.206	612.512	2) TPCL	33.132	539.427
4) Wind (B2)	1.017	101.058	3) REL	16.539	271.995
TOTAL STATE	190.620	3532.672	TOTAL STATE	258.233	4790.091

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4239	4441	4112
MSGENCO Hydro	787	730	97
MSGENCO Gas	472	486	500
MSGENCO Total Generation	5498	5657	4709
Central Sector Receipt	2233	3640	2371
RGPPL	934	935	936
WIND	30	72	49
Exchange with TPCL	-295	-359	-17
MSEDCL DEMAND MET	8400	9945	8048
Load Shedding	1769	2016	0
MSEDCL DEMAND (INCL. LS)	10169	11961	8048
TPCL GENERATION	1884	1888	1072
REL GENERATION	362	266	268
TPCL+REL DEMAND	2541	2513	1357
STATE DEMAND MET	10941	12458	9405
STATE DEMAND (INCL. LS)	12710	14474	9405
Frequency (Hz)	49.91	50.06	50.07
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2918 MW AT 21.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			31.84 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.48 Hz at 22.55 Hrs	49.22 Hz at 06.18 Hrs	49.95	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 17/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.69	32.00	88	48	80
Unit 2	0.00	9.03	0	0	0
Unit 3	1.18	21.35	76	21	75
Unit 4	1.60	26.84	85	43	75
Unit 5	3.55	45.90	165	125	150
Unit 6	1.70	55.80	85	48	70
Unit 7	3.65	58.42	176	127	160
	13.37	249.35			610
Bhusawal					
Unit 1	1.16	11.63	55	40	35
Unit 2	3.55	68.56	160	136	160
Unit 3	2.43	61.39	193	0	0
	7.14	141.58			195
Parli					
Unit 1	0.57	9.57	26	22	20
Unit 2	0.54	8.27	24	21	20
Unit 3	3.84	56.11	175	132	170
Unit 4	4.72	74.94	206	183	195
Unit 5	4.13	68.02	178	163	170
Unit 6	0.00	0.00	0	0	0
	13.80	216.92			575
Chandrapur					
Unit 1	3.68	64.66	156	148	160
Unit 2	3.58	54.12	169	88	170
Unit 3	3.90	58.55	193	121	210
Unit 4	3.79	66.17	183	102	210
Unit 5	0.32	130.06	320	0	0
Unit 6	8.71	151.84	405	314	450
Unit 7	9.00	147.93	429	316	450
	32.99	673.34			1650
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.16	83.16	228	198	220
	5.16	83.16			220
Khaparkheda					
Unit 1	4.32	56.30	186	171	180
Unit 2	4.52	60.92	195	183	190
Unit 3	0.00	0.00	0	0	0
Unit 4	4.63	77.35	214	171	210
	13.48	194.56			580
Nasik					
Unit 1	2.17	33.76	95	85	80
Unit 2	2.03	29.19	96	55	80
Unit 3	4.54	76.36	198	165	155
Unit 4	4.06	66.06	184	146	160
Unit 5	3.99	69.82	178	144	145
	16.79	275.20			620
Uran					
All Units	11.77	238.16	528	465	480
	11.77	238.16			480
Koyna					
Stage 1-2	1.60	36.56	155	30	600
Stage 4	2.69	148.67	419	0	250
Koyna 12&4 Total	4.28	185.23			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.28	38.61	236	0	320
	5.56	223.84			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.61	7.91	60	0	60
BHTGR/VEER	0.57	13.64	24	23	23
BHIRA T.R.	0.23	4.48	77	0	80
RNGR+BHTSA	0.34	5.46	15	14	17
BHANDARDRA	0.00	4.29	0	0	40
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.90	10	0	10
GHATGHAR	0.22	5.09	116	0	0
	2.02	45.39			230
PENCH (MS)					
Pench (MS)	0.02	10.48	20	0	
	0.02	10.48			
Wind					
MalharPeth	0.04	7.48			
Vankuswadi	0.16	16.34			
ATIT	0.02	4.17			
Kale	0.04	6.90			
Satara	0.05	6.76			
Shirala	0.06	5.75			
K Mahankal	0.03	4.86			
Supa	0.04	1.75			
Vita	0.30	18.00			
Dondaicha	0.10	13.00			
Sakri	0.02	1.76			
Nandurbar	0.01	1.19			
Khadakale	0.14	7.05			
Khaparale	0.03	6.04			
	1.02	101.06			
Dabhol					
RGPP L II	22.43	374.35	939	929	900
RGPP L III	0.00	0.00	0	0	
	22.43	374.35			900
Tata					
Trombay 4	2.74	12.95	120	100	150
Trombay 5	10.58	163.48	450	380	500
Trombay 6	9.53	168.20	510	150	500
Trombay 7A	2.93	47.97	124	121	120
Trombay 7B	1.63	27.01	69	67	60
Trombay 8	6.03	97.89	255	250	250
TATA Hydro	4.98	72.61	459	0	447
	38.44	590.10			2027
REL					
1&2	6.63	115.19	369	262	250
	6.63	115.19			250
Cent Sect					
Share					3217
					3217

MS PG CL	Thermal	102.72	1834.11		4450
	Thml+Gas	114.49	2072.27		4930
	Hydro	7.59	269.23		1400
	Total	122.08	2341.49		6330
State Total		190.62	3532.67		12724

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	4371	271	498	5140	937	38	2445	2541	-61	-17	8639	0	8639	1543	10182	49.97
2	4176	169	498	4843	938	36	2481	2542	-61	-15	8344	0	8344	1450	9794	50.01
3	4131	192	498	4821	938	44	2481	2446	-61	-18	8231	0	8231	1379	9610	50.03
4	4112	97	500	4709	936	49	2483	2371	-61	-17	8048	0	8048	1357	9405	50.07
5	4071	102	498	4671	936	42	2478	2757	-61	-10	8396	0	8396	1348	9744	49.93
6	4118	525	500	5143	936	39	2554	2732	-61	-19	8831	627	9458	1451	10909	49.98
7	4227	454	495	5176	936	30	2551	2381	-61	-18	8505	1483	9988	1616	11604	49.64
8	4191	400	498	5089	939	32	2748	2107	22	61	8228	1673	9901	1741	11642	49.81
9	4200	167	499	4866	937	34	2673	2285	22	63	8185	1960	10145	1988	12133	49.90
10	4229	508	491	5228	936	38	2930	2168	-289	-247	8123	2039	10162	2298	12460	49.89
11	4239	787	472	5498	934	30	2941	2233	-330	-295	8400	1769	10169	2541	12710	49.91
12	4256	681	470	5407	932	25	2941	2365	-330	-293	8436	1597	10033	2588	12621	50.02
13	4246	449	477	5172	932	21	2941	2550	-330	-307	8368	1458	9826	2570	12396	50.05
14	4309	122	482	4913	931	21	2941	2701	-330	-305	8261	1288	9549	2505	12054	49.99
15	4378	123	510	5011	931	24	2941	2548	-330	-298	8216	1210	9426	2504	11930	49.97
16	4375	118	528	5021	931	29	2877	3023	-330	-301	8703	807	9510	2533	12043	50.01
17	4391	200	465	5056	930	34	2775	3109	-330	-305	8824	969	9793	2510	12303	49.86
18	4368	303	472	5143	929	40	2772	3309	-330	-294	9129	1324	10453	2454	12907	49.69
19	4402	811	481	5694	936	57	3004	3409	-307	-293	9823	1904	11727	2527	14254	49.94
20	4441	730	486	5657	935	72	2902	3640	-390	-359	9945	2016	11961	2513	14474	50.06
21	4473	158	483	5114	934	80	2950	4074	-390	-336	9866	1804	11670	2305	13975	49.84
22	4445	68	484	4997	935	75	2881	3774	-390	-331	9450	1810	11260	2148	13408	49.88
23	4342	78	494	4914	938	65	2855	3620	-390	-328	9209	1559	10768	1948	12716	50.09
24	4204	73	498	4775	937	60	2860	3062	-390	-323	8511	1168	9679	1855	11534	50.19
MUs	102.70	7.59	11.78	122.06	22.43	1.02	66.40	67.75	-5.57	-4.60	208.67	28.46	237.14	49.67	286.81	49.95

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 17/Nov/2009

Position as on 6.30 Hrs of 18/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.	18/11/2009
Khaparkheda Unit 3	210	23/10/2009	23.59		Continued.	Annual Overhaul	16/11/2009
Parli Unit 6	250	31/10/2009	13.01		Continued.	Hydrogen Leakage.	18/11/2009
REL 2	250	02/11/2009	03.06	18/11/2009	03.25	Annual Overhaul	
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	19/11/2009
Uran Unit 7	108	14/11/2009	00.02	17/11/2009	13.45	Filter replacement	
Bhusawal Unit 3	210	14/11/2009	23.30	17/11/2009	07.44	Boiler Tube Leakage	
Cent_Sect NTPC(V-6)	210	15/11/2009	01.20		Continued.	Boiler Inspection work	18/11/2009
Chandrapur Unit 5	500	17/11/2009	01:08		Continued.	B.T.L.	20/11/2009
Uran Unit 7	108	17/11/2009	15.57	18/11/2009	05.17	R-Ph LA Burst.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2009

Position as on 6.30 Hrs of 18/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.
Kolhapur-Mapusa Ckt I	16/11/2009	20:03	17/11/2009	09.39	H/T for O/V.
Kolhapur-Mapusa-II	17/11/2009	22.52		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.
Parli-Lonikand - II	16/11/2009	09:02		Continued.	Replacement of nitrogen accumulator of CB.
400/220 KV,600 MVA ICT-II at Kalwa	17/11/2009	11.29	17/11/2009	13.44	B-Ph,29A Isolator 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	17/11/2009	08.22	17/11/2009	17.58	Insulator Replacement Work.
Kandalgaon-Khargar	17/11/2009	08.40	17/11/2009	18.48	Commissioning of Autoreclosure.
220/132 KV 100 MVA ICT at Parli	17/11/2009	10.20	17/11/2009	19.20	Attending Oil Leakages Of Compressor.
220/132 KV 100 MVA ICT at Shahada	17/11/2009	10.40	17/11/2009	16.55	Measurement Of Tan Delta If ICT Bushings.
Bale-Osmanbad	17/11/2009	11.00	17/11/2009	16.06	Isolator Alignment at Bale s/s end.
Theur-Phursungi-I	17/11/2009	11.25	17/11/2009	12.35	To attend Red Hot Spot.
220/110 KV,50 MVA T/F I at Ogalewadi	17/11/2009	13.15	17/11/2009	15.25	Q.M.Work
Chinchwad-Parvati	17/11/2009	23.32	18/11/2009	04.30	Retrofitting work of ABB Relay.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132 KV,150MVA ICT-I at Dhule	17/11/2009	11.48	17/11/2009	13.20	Attending Of Hot Spot at HV Side Isolator.
Kolshet-Khamba	17/11/2009	12.00	17/11/2009	15.23	Jumper Replacement Work.
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 II	16/11/2009	22:48	17/11/2009	09.34	H/T for O/V.
Karad-Kolhapur CKT I	18/11/2009	00.28		Continued.	H/T For O/V.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	06/11/2009	11:35		Continued.	To Control Chikhali line loading.
Mankapur - Uppalwadi	14/11/2009	16.42		Continued.	H/T to control Ambazari-Mankapur loading
Voltage Level : 400KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Nov/2009

Position as on 6.30 Hrs of 18/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Chandrapur-Parli -I	16/11/2009	13:10	17/11/2009	12.44	Decaping at Loc.220 Y-Ph,Taken on TBC.
Voltage Level : 220KV			Outage Type TRIPPED		
Vita - Lamboti	17/11/2009	03:45	17/11/2009	04:00	Tripped on Distn. Protn.
B'dying- Sahara	17/11/2009	05.50	17/11/2009	08.22	Tripped On Dist.Protection.
Wardha - Yawatmal	17/11/2009	05:22		Continued.	Tripped on Distn. Protn.
Akola - Badnera - I	17/11/2009	07.40	17/11/2009	08.00	Dist.Prot.Operated Z-1,R-Ph E/F.
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.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	50
Unit 4	105	70
Unit 5	200	130
Unit 6	210	100
Unit 7	210	150
	1040	570
Bhusawal		
Unit 1	58	45
Unit 2	210	140
Unit 3	210	190
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	195
Unit 5	210	160
Unit 6	250	0
	940	535
Chandrapur		
Unit 1	210	160
Unit 2	210	170
Unit 3	210	200
Unit 4	210	200
Unit 5	500	0
Unit 6	500	400
Unit 7	500	425
	2340	1555
Paras		
Unit 2	55	0
Unit 3	250	220
	305	220
Khaparkheda		
Unit 1	210	150
Unit 2	210	195
Unit 3	210	0
Unit 4	210	175
	840	520
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	180
Unit 5	210	180
	870	730
Uran		
All Units	852	500
	852	500
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	23
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	189
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	920
RGPL III	740	
	1700	920
Tata		
Trombay 4	150	140
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	50
Trombay 8	250	250
TATA Hydro	444	447
	2024	1997
REL		
1&2	500	400
	500	400
Cent Sect		
Share	3143	3218
	3143	3218