



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/Nov/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	107.557	1731.387	1) Madhya Pradesh	56.740	947.538
2) Hydro	11.710	261.640	2) Gujrat	4.959	225.074
3) Gas	11.792	226.387	3) Goa	-5.556	-98.807
Total MSGENCO	131.059	2219.414	4) TAPS 1&2 (Inj.)	7.332	116.000
B) OTHERS			5) Pench (Excess)	-0.060	0.050
1) RGPPL Gas	22.454	351.919	# Total Cent. Sector	63.415	1189.855
2) Wind Generation	1.192	100.041	F) Other Exchanges		
3) PENCH (MS)	0.060	10.458	1) With TPCL	-5.025	-101.580
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.012	484.036	1) MSEDCL Bilateral	3.720	53.235
2) TPCL Hydro	4.058	67.624	Include PX	0.000	7.152
TOTAL TPCL	37.070	551.660	2) MUMBAI Bilateral	6.108	110.160
3) REL Thermal	6.383	108.560	Include PX	0.000	19.496
D) STATE			3) MUMBAI Schedule	6.108	115.270
1) Thermal (A1+C1+C3)	146.952	2323.983	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.828	339.722	1) MSEDCL	213.155	3770.107
3) Gas (A3+B1)	34.246	578.306	2) TPCL	32.404	506.295
4) Wind (B2)	1.192	100.041	3) REL	16.073	255.456
TOTAL STATE	198.218	3342.052	TOTAL STATE	261.632	4531.858

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4581	4405	4486
MSGENCO Hydro	189	1384	114
MSGENCO Gas	487	487	501
MSGENCO Total Generation	5257	6276	5101
Central Sector Receipt	2835	3037	2302
RGPPL	935	936	934
WIND	38	30	86
Exchange with TPCL	-307	-289	-33
MSEDCL DEMAND MET	8758	10030	8390
Load Shedding	1823	2134	0
MSEDCL DEMAND (INCL. LS)	10581	12164	8390
TPCL GENERATION	1978	1941	1040
REL GENERATION	265	263	267
TPCL+REL DEMAND	2550	2493	1340
STATE DEMAND MET	11308	12523	9730
STATE DEMAND (INCL. LS)	13131	14657	9730
Frequency (Hz)	50.00	49.85	50.20
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3038 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			36.08 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.52 Hz at 05.03 Hrs	49.23 Hz at 22.10 Hrs	49.94	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 16/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.78	30.31	86	28	85
Unit 2	0.00	9.03	0	0	0
Unit 3	1.73	20.17	84	41	75
Unit 4	1.94	25.24	90	70	75
Unit 5	3.46	42.36	154	125	150
Unit 6	3.57	54.10	160	132	150
Unit 7	3.78	54.77	172	147	160
	16.26	235.98			695
Bhusawal					
Unit 1	0.89	10.47	51	26	50
Unit 2	3.49	65.00	161	128	180
Unit 3	0.00	58.96	0	0	0
	4.38	134.44			230
Parli					
Unit 1	0.56	9.00	25	21	20
Unit 2	0.55	7.73	25	21	20
Unit 3	3.85	52.27	172	140	130
Unit 4	4.44	70.23	205	172	185
Unit 5	3.79	63.90	175	146	145
Unit 6	0.00	0.00	0	0	0
	13.19	203.12			500
Chandrapur					
Unit 1	3.69	60.98	158	144	160
Unit 2	3.77	50.54	168	143	170
Unit 3	3.89	54.65	173	151	210
Unit 4	3.78	62.39	167	148	210
Unit 5	8.08	129.74	370	300	450
Unit 6	8.04	143.12	366	300	425
Unit 7	8.29	138.93	405	310	425
	39.54	640.35			2050
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	5.05	78.00	226	196	202
	5.05	78.00			202
Khaparkheda					
Unit 1	4.28	51.97	186	160	170
Unit 2	4.31	56.40	190	163	180
Unit 3	0.00	0.00	0	0	0
Unit 4	4.94	72.72	214	180	205
	13.53	181.08			555
Nasik					
Unit 1	2.08	31.59	94	73	80
Unit 2	1.68	27.16	91	37	90
Unit 3	4.10	71.82	189	148	180
Unit 4	3.98	62.00	186	133	180
Unit 5	3.76	65.83	168	149	180
	15.60	258.41			710
Uran					
All Units	11.79	226.39	502	481	490
	11.79	226.39			490
Koyna					
Stage 1-2	1.16	34.96	175	30	600
Stage 4	6.85	145.98	880	0	250
Koyna 12&4 Total	8.02	180.94			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.04	37.33	206	0	320
	9.06	218.27			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.66	7.30	60	0	60
BHTGR/VEER	0.53	13.08	23	22	40
BHIRA T.R.	0.11	4.25	70	0	80
RNGR+BHTSA	0.39	5.12	17	16	15
BHANDARDRA	0.51	4.29	47	0	40
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.84	10	0	10
GHATGHAR	0.40	4.87	125	0	0
	2.65	43.37			245
PENCH (MS)					
Pench (MS)	0.06	10.46	40	0	
	0.06	10.46			
Wind					
MalharPeth	0.05	7.44			
Vankuswadi	0.17	16.18			
ATIT	0.02	4.16			
Kale	0.03	6.86			
Satara	0.05	6.71			
Shirala	0.03	5.68			
K Mahankal	0.03	4.83			
Supa	0.01	1.71			
Vita	0.28	17.71			
Dondaicha	0.36	12.90			
Sakri	0.03	1.75			
Nandurbar	0.03	1.18			
Khadakale	0.05	6.91			
Khaparale	0.06	6.02			
	1.19	100.04			
Dabhol					
RGPP L II	22.45	351.92	939	932	900
RGPP L III	0.00	0.00	0	0	
	22.45	351.92			900
Tata					
Trombay 4	2.86	10.20	123	113	150
Trombay 5	10.23	152.90	450	300	500
Trombay 6	9.32	158.66	510	150	500
Trombay 7A	2.96	45.03	125	121	120
Trombay 7B	1.63	25.38	69	67	60
Trombay 8	6.01	91.86	253	250	250
TATA Hydro	4.06	67.62	459	0	447
	37.07	551.66			2027
REL					
1&2	6.38	108.56	268	263	250
	6.38	108.56			250
Cent Sect					
Share					3138
					3138

MS PG CL	Thermal	107.56	1731.39		4942
	Thml+Gas	119.35	1957.77		5432
	Hydro	11.71	261.64		1415
	Total	131.06	2219.41		6847
State Total		198.22	3342.05		13162

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	4587	82	500	5169	937	119	2477	2377	-78	-38	8564	86	8650	1550	10200	50.11
2	4538	114	500	5152	935	98	2477	2340	-78	-37	8488	0	8488	1430	9918	50.12
3	4486	114	501	5101	934	86	2477	2302	-78	-33	8390	0	8390	1340	9730	50.20
4	4451	107	502	5060	936	80	2478	2521	-78	-37	8560	0	8560	1320	9880	50.22
5	4456	87	498	5041	937	88	2478	2635	-78	-44	8657	118	8775	1332	10107	50.01
6	4497	82	497	5076	936	70	2478	2893	-78	-39	8936	835	9771	1402	11173	49.94
7	4559	92	494	5145	936	79	2464	2119	-78	-41	8238	1754	9992	1563	11555	49.79
8	4582	87	495	5164	937	32	2659	2348	5	39	8520	1719	10239	1687	11926	49.80
9	4603	129	494	5226	936	47	2634	2116	1	41	8366	2021	10387	1950	12337	49.82
10	4538	183	489	5210	933	49	2873	2568	-307	-257	8503	1978	10481	2268	12749	49.76
11	4524	190	484	5198	935	36	2977	2753	-352	-311	8611	1883	10494	2446	12940	49.91
12	4581	189	487	5257	935	38	2975	2835	-352	-307	8758	1823	10581	2550	13131	50.00
13	4618	144	486	5248	935	35	2973	2905	-354	-309	8814	1629	10443	2537	12980	50.06
14	4547	572	486	5605	935	38	2971	2410	-354	-312	8676	1532	10208	2408	12616	50.15
15	4455	693	481	5629	934	21	2915	2386	-357	-316	8654	1599	10253	2430	12683	49.91
16	4324	553	481	5358	933	22	2859	2628	-357	-313	8628	1596	10224	2396	12620	49.87
17	4297	540	483	5320	932	24	2859	2977	-357	-312	8941	1635	10576	2380	12956	49.72
18	4347	681	487	5515	932	27	2871	3027	-357	-317	9196	1757	10953	2375	13328	49.55
19	4405	1384	487	6276	936	30	3033	3037	-334	-289	10030	2134	12164	2493	14657	49.85
20	4454	1440	491	6385	937	29	2882	3089	-417	-375	10073	2101	12174	2419	14593	50.02
21	4441	1362	489	6292	938	31	2882	3028	-417	-354	9935	1885	11820	2248	14068	49.93
22	4459	1108	489	6056	938	36	2793	2911	-417	-359	9582	1886	11468	2143	13611	49.80
23	4407	1030	493	5930	938	40	2763	2642	-417	-361	9189	1653	10842	1975	12817	49.89
24	4401	747	498	5646	939	37	2779	2568	-417	-344	8846	1251	10097	1836	11933	50.07
MUs	107.56	11.71	11.79	131.06	22.45	1.19	66.03	63.42	-6.11	-5.02	213.16	32.88	246.03	48.48	294.51	49.94

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 16/Nov/2009

Position as on 6.30 Hrs of 17/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		Continued.	Annual Overhaul	25/11/2009
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	19/11/2009
Uran Unit 7	108	14/11/2009	00.02		Continued.	Filter replacement	19/11/2009
Bhusawal Unit 3	210	14/11/2009	23.30		Continued.	Boiler Tube Leakage	17/11/2009
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

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Nov/2009

Position as on 6.30 Hrs of 17/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	15/11/2009	23:05	16/11/2009	10:06	H/T for O/V.
Kolhapur-Mapusa Ckt I	16/11/2009	20:03		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
TARAPUR-BORIVALI	15/11/2009	16:48	16/11/2009	10:21	Tripped, Dist. Protn.
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.
400/220kv 315MVA ICT-II at Kolhapur	16/11/2009	10:19	16/11/2009	17:13	Q.M. Work.
KALWA-LONIKAND	16/11/2009	11:31	16/11/2009	16:24	For Attending Hot Spot taken on TBC.
Bhusawal- Aurangabad	16/11/2009	11:36	16/11/2009	14:28	Breaker Maint.Work, Line taken on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Nagothane-MSL	16/11/2009	10:28	16/11/2009	18:08	Q.M. Work.
PEDAMBE-TAMBATI	16/11/2009	10:40	16/11/2009	14:15	Taurvs Measurment.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Dabhol-New Koyna-I	16/11/2009	11:15	16/11/2009	11:49	For SF6 Glas Filling line taken on TBC.
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 -I	10/11/2009	22:06	16/11/2009	08:55	To Control C'pur - Parli line loading.
Karad-Kolhapur CKT II	16/11/2009	22:48		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	10/11/2009	23.21	16/11/2009	16:57	To Control H/V at 400 KV Akola S/S.
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		
Chandrapur-Parli -I	16/11/2009	13:10		Continued.	Dist. Protn. Y Ph to earth.
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Nov/2009

Position as on 6.30 Hrs of 17/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
BHENDA-BBLSWR	16/11/2009	01:16	16/11/2009	02:17	Tripped on Distance Protn.
Padgha - Nalasopara	16/11/2009	13:36	16/11/2009	15:04	Bus Bar Protn. at Nalasopara.
Nasik-Bablswr Ckt I	16/11/2009	16:43	16/11/2009	16:50	Tripped on P.D.R.
Vita - Lamboti	17/11/2009	03:45	17/11/2009	04:00	Tripped on Distn. Protn.
Wardha - Yawatmal	17/11/2009	05:22		Continued.	Tripped on Distn. Protn.
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.
Pachora - Chalisgaon CKT -I.	16/11/2009	06:10	16/11/2009	06:36	Tripped on Distn Protn.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/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	75
Unit 5	200	150
Unit 6	210	70
Unit 7	210	160
	1040	610
Bhusawal		
Unit 1	58	35
Unit 2	210	160
Unit 3	210	0
	478	195
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	195
Unit 5	210	170
Unit 6	250	0
	940	575
Chandrapur		
Unit 1	210	160
Unit 2	210	170
Unit 3	210	210
Unit 4	210	210
Unit 5	500	0
Unit 6	500	450
Unit 7	500	450
	2340	1650
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	80
Unit 2	120	80
Unit 3	210	155
Unit 4	210	160
Unit 5	210	145
	870	620
Uran		
All Units	852	480
	852	480
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	17
BHANDARDRA	45	40
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	230
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	150
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	2027
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3217
	3143	3217