



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Oct/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Oct/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.252	1127.384	1) Madhya Pradesh	57.465	555.162
2) Hydro	6.069	58.259	2) Gujrat	14.744	130.015
3) Gas	15.625	141.664	3) Goa	-7.247	-67.950
Total MSGENCO	141.946	1327.307	4) TAPS 1&2 (Inj.)	7.228	72.339
B) OTHERS			5) Pench (Excess)	-0.810	-4.275
1) RGPPL Gas	23.007	214.264	# Total Cent. Sector	71.380	685.291
2) Wind Generation	1.942	90.857	F) Other Exchanges		
3) PENCH (MS)	0.810	4.275	1) With TPCL	-9.376	-101.054
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.132	261.171	1) MSEDCL Bilateral	1.812	19.067
2) TPCL Hydro	1.098	18.803	Include PX	0.000	0.000
TOTAL TPCL	27.230	279.974	2) MUMBAI Bilateral	10.309	108.074
3) REL Thermal	12.598	125.166	Include PX	0.000	13.508
D) STATE			3) MUMBAI Schedule	10.309	111.399
1) Thermal (A1+C1+C3)	158.982	1513.721	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.977	81.337	1) MSEDCL	229.709	2220.940
3) Gas (A3+B1)	38.632	355.928	2) TPCL	32.183	331.019
4) Wind (B2)	1.942	90.857	3) REL	17.018	175.159
TOTAL STATE	207.533	2041.843	TOTAL STATE	278.910	2727.118

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	5115	5187	4972
MSGENCO Hydro	209	958	101
MSGENCO Gas	651	652	656
MSGENCO Total Generation	5975	6797	5729
Central Sector Receipt	3205	3604	2014
RGPPL	959	959	960
WIND	42	107	94
Exchange with TPCL	-691	-553	-47
MSEDCL DEMAND MET	9516	10967	8803
Load Shedding	2052	2528	0
MSEDCL DEMAND (INCL. LS)	11568	13495	8803
TPCL GENERATION	1174	1377	1025
REL GENERATION	523	523	526
TPCL+REL DEMAND	2388	2453	1598
STATE DEMAND MET	11904	13420	10401
STATE DEMAND (INCL. LS)	13956	15948	10401
Frequency (Hz)	49.72	49.59	49.66
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2609 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			38.26 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.14 Hz at 10.07 Hrs	48.87 Hz at 18.21 Hrs	49.57	1.05 % of Time

* 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 10/Oct/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.48	12.35	73	42	50
Unit 2	1.50	10.40	70	46	70
Unit 3	1.39	8.28	74	34	70
Unit 4	0.00	8.33	0	0	0
Unit 5	2.90	22.78	146	71	130
Unit 6	3.14	29.84	143	109	140
Unit 7	3.20	32.11	169	110	130
	13.60	124.09			590
Bhusawal					
Unit 1	1.20	9.86	57	42	50
Unit 2	0.00	2.84	0	0	0
Unit 3	0.00	37.83	0	0	0
	1.20	50.53			50
Parli					
Unit 1	0.58	4.70	26	23	20
Unit 2	0.57	4.03	25	22	20
Unit 3	3.96	27.18	171	152	175
Unit 4	4.22	39.68	193	162	180
Unit 5	4.07	37.86	175	159	160
Unit 6	5.36	52.26	238	206	220
	18.76	165.70			775
Chandrapur					
Unit 1	3.86	37.63	168	151	170
Unit 2	3.65	20.15	158	146	150
Unit 3	4.68	41.31	208	177	200
Unit 4	4.84	44.95	206	176	210
Unit 5	9.55	89.48	451	350	400
Unit 6	9.42	82.73	430	355	400
Unit 7	10.02	94.61	455	384	425
	46.02	410.87			1955
Paras					
Unit 2	0.48	4.47	21	19	20
Unit 3	4.61	40.21	209	163	200
	5.10	44.68			220
Khaparkheda					
Unit 1	4.75	42.66	207	186	190
Unit 2	4.10	39.73	194	152	195
Unit 3	4.20	36.93	204	157	210
Unit 4	4.94	45.54	214	184	210
	17.99	164.86			805
Nasik					
Unit 1	2.08	19.43	98	65	76
Unit 2	2.04	14.45	95	73	76
Unit 3	4.56	45.74	209	132	172
Unit 4	4.53	43.84	198	172	172
Unit 5	4.37	43.18	195	166	162
	17.58	166.64			658
Uran					
All Units	15.62	141.66	669	629	620
	15.62	141.66			620
Koyna					
Stage 1-2	1.75	16.44	250	25	600
Stage 4	1.32	12.83	399	0	250
Koyna 12&4 Total	3.07	29.26			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.75	9.37	234	0	320
	3.82	38.64			1170
Hydro					
KDPH	0.95	2.92	40	38	36
VTRNA	0.11	0.12	10	0	0
TILLARI	0.38	5.21	60	0	60
BHTGR/VEER	0.22	2.50	9	9	9
BHIRA T.R.	0.08	2.30	30	0	40
RNGR+BHTSA	0.27	1.69	18	4	4
BHANDARDRA	0.05	2.82	18	0	22
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.58	10	0	10
GHATGHAR	0.13	1.49	102	0	0
	2.25	19.62			181
PENCH (MS)					
Pench (MS)	0.81	4.28	53	10	
	0.81	4.28			
Wind					
MalharPeth	0.11	5.13			
Vankuswadi	0.19	8.40			
ATIT	0.03	3.37			
Kale	0.02	2.15			
Satara	0.08	8.19			
Shirala	0.03	3.41			
K Mahankal	0.02	1.89			
Supa	0.01	1.71			
Vita	0.37	14.73			
Dondaicha	0.63	24.33			
Sakri	0.14	4.38			
Nandurbar	0.10	3.15			
Khadakale	0.10	4.50			
Khaparale	0.11	5.50			
	1.94	90.86			
Dabhol					
RGPP L II	23.01	214.26	962	951	900
RGPP L III	0.00	0.00	0	0	
	23.01	214.26			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.88	79.83	495	495	500
Trombay 6	9.94	98.74	510	190	500
Trombay 7A	2.76	26.03	122	100	110
Trombay 7B	1.55	14.96	67	59	70
Trombay 8	0.00	41.62	0	0	0
TATA Hydro	1.10	18.80	213	2	447
	27.23	279.97			1627
REL					
1&2	12.60	125.17	528	522	500
	12.60	125.17			500
Cent Sect					
Share					3226
					3226

MS PG CL	Thermal	120.25	1127.38		5053
	Thml+Gas	135.88	1269.05		5673
	Hydro	6.07	58.26		1351
	Total	141.95	1327.31		7024
State Total		207.53	2041.84		13277

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Oct/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	4861	106	651	5618	960	87	2461	2370	-108	-57	9031	940	9971	1707	11678	49.49
2	4898	101	652	5651	961	86	2418	1981	-101	-48	8684	935	9619	1628	11247	49.49
3	4972	101	656	5729	960	94	2419	2014	-101	-47	8803	0	8803	1598	10401	49.66
4	5023	101	656	5780	961	101	2133	2123	183	236	9254	0	9254	1436	10690	49.60
5	5057	106	655	5818	962	93	2134	2273	183	257	9456	8	9464	1426	10890	49.43
6	5112	221	656	5989	961	116	2437	2387	-119	-51	9455	642	10097	1605	11702	49.48
7	5178	223	668	6069	961	102	2272	2315	-119	-117	9357	1340	10697	1619	12316	49.56
8	5145	118	669	5932	961	67	2456	2496	-119	-73	9410	1390	10800	1706	12506	49.71
9	5099	151	664	5914	960	50	2531	2808	-191	-144	9615	1636	11251	1888	13139	49.65
10	5077	192	658	5927	959	81	2817	3121	-557	-498	9616	1678	11294	2161	13455	49.68
11	5115	209	651	5975	959	42	3240	3205	-737	-691	9516	2052	11568	2388	13956	49.72
12	4911	186	640	5737	958	34	3238	3300	-737	-692	9364	2097	11461	2451	13912	49.46
13	4843	153	638	5634	957	29	3236	3192	-737	-717	9122	2059	11181	2446	13627	49.54
14	4813	300	629	5742	951	35	3241	3260	-737	-716	9299	2090	11389	2348	13737	49.36
15	4866	143	630	5639	953	62	3265	3182	-737	-716	9146	2315	11461	2348	13809	49.40
16	4916	102	644	5662	958	85	3284	3281	-737	-717	9295	2286	11581	2354	13935	49.76
17	4916	107	646	5669	957	115	3326	3474	-742	-725	9517	1934	11451	2317	13768	49.76
18	5005	176	639	5820	955	121	3264	3226	-663	-648	9501	2066	11567	2256	13823	49.39
19	5108	760	642	6510	956	117	3206	3252	-569	-552	10336	2479	12815	2380	15195	49.38
20	5187	958	652	6797	959	107	3362	3604	-569	-553	10967	2528	13495	2453	15948	49.59
21	5113	705	659	6477	961	90	3397	3837	-569	-515	10870	2229	13099	2319	15418	49.77
22	5033	402	656	6091	959	69	3389	3704	-569	-522	10321	2240	12561	2197	14758	49.62
23	4974	341	654	5969	958	84	3345	3514	-596	-550	9991	1917	11908	2236	14144	49.44
24	5030	107	660	5797	960	75	3309	3461	-560	-520	9783	1390	11173	1937	13110	49.77
MUs	120.25	6.07	15.62	141.95	23.01	1.94	70.18	71.38	-10.31	-9.38	229.71	38.25	267.96	49.20	317.16	49.57

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 10/Oct/2009

Position as on 6.30 Hrs of 11/Oct/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
Cent_Sect Sipat-4	500	05/10/2009	00:00	10/10/2009	15:59	P.G. Test.	
Koradi Unit 4	115	07/10/2009	00.06		Continued.	Maintenance work.	13/10/2009
Paras Unit 2	55	11/10/2009	13:29		Continued.	AOH.	05/11/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Cent_Sect Kawas GT2A	106	04/10/2009	10:46	10/10/2009	18:27	Set W/DN.	
Cent_Sect Kawas ST2C	116	05/10/2009	16.00	10/10/2009	18:57	Bearing Temp.High.	
Cent_Sect Kawas GT2B	106	05/10/2009	23:55		Continued.	Set W/DN.	12/10/2009
Bhusawal Unit 2	210	06/10/2009	16.35		Continued.	Boiler Tube Leakage.	11/10/2009
Cent_Sect NTPC (V-1)	210	08/10/2009	19.30	10/10/2009	13:32	Boiler Tube Leakage	
Parli Unit 6	250	11/10/2009	09:51	11/10/2009	16:03	Flame Failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2009

Position as on 6.30 Hrs of 11/Oct/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09:12		Continued.	H/T FOR O/V
Akola - Wardha - I	04/10/2009	22:03		Continued.	H/T to control O/V.
Dhule-Sar'Sarovar II	05/10/2009	03:50		Continued.	H/T FOR O/V.
Kolhapur-Mapusa Ckt I	10/10/2009	00:01	10/10/2009	06:20	H/T for O/V.
Kolhapur-Mapusa-II	11/10/2009	00:04	11/10/2009	09:21	H/T for O/V.
Kolhapur-Mapusa Ckt I	11/10/2009	23:01		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Ponda	09/10/2009	17:10		Continued.	Cross arm bending at Loc. No.44 and conductor snapped at Loc. No.45.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Chandrapur	06/10/2009	06:49		Continued.	Tower erection work.
Jejuri-Koyna STG-IV	10/10/2009	00:36	11/10/2009	17:38	Retrofitting work.
Bblswr-Padgha Ckt II	10/10/2009	08:07	10/10/2009	17:35	Fitting of suspension clamps.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/100 KV,125 MVA ICT-III at Trombay S/S.	31/08/2009	09:32		Continued.	Replacement of Relay Panels & Control Panels.
K'gaon-Pirangut	07/10/2009	09:10	10/10/2009	18:43	Insulator Replacement.
Pophali-Pedambe-CKT-II	10/10/2009	08:00	10/10/2009	17:25	To attend hot spot on line isolator.
Miraj -Ichalkarajni	10/10/2009	08:10	10/10/2009	17:38	Insulator Replacement work.
Kandalgaon-Khargar	10/10/2009	09:19	10/10/2009	18:41	For SMS work.
220 KV TBC at Nagothane	10/10/2009	10:10	10/10/2009	13:01	Maintenance and Testing work.
Butibori - Wardha	10/10/2009	10:15		Continued.	Line on TBC own CB overhauling at Wardha end.
C'pur-Sicom-II	10/10/2009	10:18	10/10/2009	14:02	Routine maintenance work of CT's.
Karad-M'peth	10/10/2009	10:50	10/10/2009	15:36	Retrofitting and testing work.
220/132 KV 150MVA ICT-II at Dhule	10/10/2009	10:50	10/10/2009	15:15	SFRA, Tan delta measurement.
Chinchwad-Bhosari	10/10/2009	15:20	10/10/2009	17:29	Retrofitting work.
PEDAMBE-TAMBATI	11/10/2009	08:00	11/10/2009	17:40	R.M.Work.
220/33 KV,100 MVA ICT-II At Versova	11/10/2009	09:25	11/10/2009	15:55	Q.M.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa - Salsette - II	09/10/2009	06:40	11/10/2009	19:24	New Tower Errection.
Kalwa-Mukund II	10/10/2009	08:02	10/10/2009	17:59	Shifting of conductor for KLV-KLN-SAL-II line.
Kalwa-Nocil II	10/10/2009	08:54	10/10/2009	17:46	Shifting of conductor for KLV-KLN-SAL-II line.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV,115MVA ICT-II at Lonand.	11/10/2009	10:00	11/10/2009	13:00	Oil Top up.
220/33 KV 100 MVA ICT - III at Ghodbandar	11/10/2009	12:45	11/10/2009	14:00	To Attained Hot Spot on 33 KV Bus.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Boiser - Palghar - I	10/10/2009	10:03	10/10/2009	14:09	For attending CB problem.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2009

Position as on 6.30 Hrs of 11/Oct/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-New Koyna II	10/10/2009	11:56	10/10/2009	14:09	Own CB Overhauling completed at Karad end. Line taken on Own CB.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	03/10/2009	21.48		Continued.	H/T to load 400 KV Akola ICT.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Pardi-Uppalwadi	01/10/2009	17:14		Continued.	To Control 132kv Ambazari-Mankapur ckt flow.
Voltage Level : 500KV			Outage Type TRIPPED		
Chandrapur-Padaghe Pole - II	11/10/2009	07:52	11/10/2009	12:20	R Ph High pressure Tap changer Trip Alarm.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV, 315MVA ICT-I @ New Koyna.	10/10/2009	02:38	10/10/2009	05:50	OLTC Buchholz Trip.
Voltage Level : 220KV			Outage Type TRIPPED		
Parbhani-Parly	11/10/2009	20:07	11/10/2009	20:35	Trip Dist. Protn, B-E,Z1.
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV 25 MVA T/F - I @ Bhusawal	27/09/2009	17.36		Continued.	Transformer Caught Fire.
Pahur - Pachora	11/10/2009	10:07	11/10/2009	11:25	Tripped on distance prot.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Kalyan	10/10/2009	11:40	10/10/2009	11:56	Tripped on distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Oct/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	80
Unit 6	210	115
Unit 7	210	120
	1040	515
Bhusawal		
Unit 1	58	50
Unit 2	210	0
Unit 3	210	0
	478	50
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	180
Unit 4	210	170
Unit 5	210	170
Unit 6	250	220
	940	780
Chandrapur		
Unit 1	210	170
Unit 2	210	150
Unit 3	210	200
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	425
	2340	1955
Paras		
Unit 2	55	20
Unit 3	250	200
	305	220
Khaparkheda		
Unit 1	210	180
Unit 2	210	175
Unit 3	210	165
Unit 4	210	210
	840	730
Nasik		
Unit 1	120	85
Unit 2	120	85
Unit 3	210	190
Unit 4	210	180
Unit 5	210	180
	870	720
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	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	20
BHIRA T.R.	80	40
RNGR+BHTSA	20	4
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	200
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	110
Trombay 7B	60	70
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3272
	3143	3272