



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Oct/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Oct/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	71.666	717.791	1) Madhya Pradesh	43.742	476.746
2) Hydro	39.796	229.160	2) Gujrat	36.448	369.411
3) Gas	14.621	134.988	3) Goa	-5.677	-50.623
Total MSGENCO	126.083	1081.939	4) TAPS 1&2 (Inj.)	6.950	60.387
B) OTHERS			5) Pench (Excess)	-0.577	-6.088
1) RGPPL Gas	32.818	312.714	# Total Cent. Sector	80.886	849.833
2) Wind Generation	2.037	25.706	F) Other Exchanges		
3) CPP	34.064	303.119	1) With TPCL (Excess)	-9.326	-84.492
4) PENCH (MS)	0.577	6.088	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	36.465	364.347
1) TPCL Thermal	26.178	259.321	Include PX	15.702	171.920
2) TPCL Hydro	1.771	29.742	2) MUMBAI Bilateral	10.854	93.272
TOTAL TPCL	27.949	289.063	Include PX	0.773	4.469
3) REL Thermal	12.531	113.162	3) MUMBAI Schedule	10.854	93.272
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	110.375	1090.274	1) MSEDCL	267.139	2494.907
2) Hydro (A2+B3+C2)	42.144	264.990	2) TPCL	32.329	322.435
3) Gas (A3+B1)	47.439	447.702	3) REL	17.475	164.266
4) Wind (B2)	2.037	25.706	TOTAL STATE	316.943	2981.608
5) CPP (B3)	34.064	303.119			
TOTAL STATE	236.059	2131.791			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	2985	3015	2958
MSGENCO Hydro	1801	1536	1694
MSGENCO Gas	581	621	622
MSGENCO Total Generation	5367	5172	5274
Central Sector Receipt	3727	3915	3063
RGPPL	1372	1372	1353
WIND	62	62	132
CPP	1454	1414	1412
Exchange with Mumbai	-498	-568	-79
MSEDCL DEMAND MET	11484	11380	11198
Load Shedding (LS)	2704	2102	413
MSEDCL DEMAND (INCL. LS)	14188	13482	11611
TPCL GENERATION	1124	1135	1102
REL GENERATION	520	522	520
TPCL+REL DEMAND	2142	2225	1701
STATE DEMAND MET	13626	13605	12899
Load Management (LM)	1776	2951	1685
Total Load Relief (LS+LM)	4480	5053	2098
UNRESTRICTED STATE DEMAND	18106	18658	14997
Frequency (Hz)	49.39	49.56	48.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.06 Hz at 18:48 Hrs	48.71 Hz at 05:28 Hrs	49.22	43.65 % of Time(min)

* 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 09/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.56	30.33	165	125	140
Unit 6	0.00	24.46	0	0	0
Unit 7	0.00	22.85	0	0	0
	3.56	77.63			140
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.18	31.64	145	120	160
Unit 4	0.00	0.00	0	0	0
	3.18	31.64			160
Parli					
Unit 3	3.01	27.26	140	100	145
Unit 4	0.00	0.00	0	0	0
Unit 5	2.50	27.97	123	86	100
Unit 6	3.64	34.66	177	106	95
Unit 7	0.00	0.00	0	0	0
	9.14	89.89			340
Chandrapur					
Unit 1	3.78	34.19	163	143	160
Unit 2	3.10	28.46	134	125	130
Unit 3	4.08	37.10	180	144	170
Unit 4	0.00	0.00	0	0	0
Unit 5	7.50	62.34	340	260	300
Unit 6	6.28	61.26	330	220	300
Unit 7	7.31	63.54	349	240	300
	32.04	286.88			1360
Paras					
Unit 3	1.78	23.95	100	56	70
Unit 4	0.00	15.72	0	0	0
	1.78	39.66			70
Khaparkheda					
Unit 1	3.92	36.38	190	150	150
Unit 2	3.75	16.68	169	140	150
Unit 3	3.78	35.57	183	142	150
Unit 4	4.00	37.63	203	150	160
Unit 5	0.09	1.47	64	0	0
	15.55	127.73			610
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	22.58	0	0	0
Unit 4	3.62	16.04	170	121	170
Unit 5	2.80	25.74	126	110	125
	6.42	64.36			295
Uran					
All Units	14.62	134.99	645	566	630
	14.62	134.99			630
Dabhol					
RGPPL	32.82	312.71	1373	1353	0
	32.82	312.71			0
Koyna					
Stage 1-2	11.44	63.40	535	340	600
Stage 4	19.06	108.83	848	560	250
Stage 3	6.58	36.76	320	134	320
	37.08	208.98			1170
Kovna 12&4 Total	30.50	172.23			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	1.24	20	19	18
VTRNA	0.00	0.43	0	0	0
TILLARI	0.36	4.02	60	0	60
BHTGR/VEER	0.16	1.24	7	6	7
BHIRA T.R.	0.32	2.56	41	0	40
RNGR+BHTSA	0.32	2.61	16	12	15
BHANDARDRA	0.30	1.58	13	12	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.80	5.24	42	30	0
GHATGHAR	0.00	1.27	0	0	0
	2.71	20.18			140
PENCH (MS)					
Pench (MS)	0.58	6.09	48	0	0
	0.58	6.09			0
Wind					
MalharPeth	0.06	1.43			
Vankuswadi	0.23	2.29			
ATIT	0.03	0.30			
Kale	0.07	0.87			
Satara	0.49	3.44			
Shirala	0.08	0.77			
K Mahankal	0.02	0.64			
Supa	0.11	0.72			
Vita	0.35	2.71			
Dondaicha	0.24	7.82			
Sakri	0.03	1.19			
Nandurbar	0.04	0.97			
Khandke	0.26	1.83			
Khaparale	0.03	0.73			
	2.04	25.71			
CPP					
JSW JAIGAD	18.69	188.45	796	726	815
WARDHA	10.51	77.70	443	429	260
Other CPPs	4.86	36.96			
	34.06	303.12			1075
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.36	104.02	475	460	490
Trombay 6	5.04	65.31	300	155	250
Trombay 7A	2.44	23.86	119	71	120
Trombay 7B	1.44	13.60	66	52	60
Trombay 8	5.90	52.54	246	246	250
TATA Hydro	1.77	29.74	242	0	447
	27.95	289.06			1617
REL					
1&2	12.53	113.16	525	519	500
	12.53	113.16			500
Cent Sect					
Share					4868
					4868

MS PG CL	Thermal	71.67	717.79			2975
	Thml+Gas	86.29	852.78			3605
	Hydro	39.80	229.16			1310
	Total	126.08	1081.94			4915
State Total		236.06	2131.79			12975

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Oct/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	2963	1727	626	5316	1353	60	1429	3226	3163	-562	-487	10877	2570	11192	2144	15591	49.33
2	2907	1741	628	5276	1353	68	1430	3143	3002	-454	-325	10847	2794	11495	1950	15591	49.08
3	2950	1735	625	5310	1353	88	1433	3049	2951	-389	-188	10991	2758	12063	1807	15556	49.10
4	2998	1690	629	5317	1353	125	1429	3000	2759	-340	-118	10908	2760	12023	1722	15390	48.93
5	2958	1694	622	5274	1353	132	1412	3074	3063	-340	-79	11198	2098	11611	1701	14997	48.96
6	2930	1758	613	5301	1353	142	1437	3246	3276	-340	-184	11369	2777	12331	1757	15903	48.84
7	2963	1764	640	5367	1372	143	1438	3178	3160	-333	-189	11338	3674	13155	1769	16781	49.13
8	3020	1618	645	5283	1372	105	1436	3424	3333	-306	-230	11317	3543	12912	1810	16670	49.51
9	3034	1593	617	5244	1373	72	1443	3416	3377	-333	-309	11200	3632	12858	1891	16723	49.23
10	3019	1778	616	5413	1372	81	1433	3554	3282	-385	-435	11146	4366	13588	2037	17549	49.21
11	2985	1801	581	5367	1372	62	1454	3634	3727	-448	-498	11484	4480	14188	2142	18106	49.39
12	2927	1848	566	5341	1373	68	1440	3417	3637	-448	-374	11485	4274	13967	2163	17922	48.95
13	2960	1591	587	5138	1372	70	1439	3526	3455	-448	-378	11096	4352	13654	2218	17666	49.30
14	2945	1661	571	5177	1372	81	1415	3561	3270	-448	-399	10916	4663	13797	2220	17799	49.23
15	3024	1714	568	5306	1373	85	1418	3598	3371	-448	-466	11087	5270	14598	2188	18545	49.28
16	2998	1662	567	5227	1372	56	1408	3769	3756	-448	-453	11366	5121	14826	2147	18634	49.16
17	3020	1578	588	5186	1372	63	1387	3575	3606	-416	-447	11167	4937	14357	2113	18217	49.41
18	3040	1166	605	4811	1372	107	1400	3537	3413	-422	-475	10641	4731	13346	2135	17507	49.43
19	3015	1536	621	5172	1372	62	1414	3475	3915	-509	-568	11380	5053	13482	2225	18658	49.56
20	2991	1761	622	5374	1373	49	1402	3600	3845	-594	-513	11575	4736	13201	2327	18638	49.39
21	2993	1679	620	5292	1372	76	1402	3479	3579	-594	-519	11247	4811	12984	2355	18413	49.43
22	3061	1427	621	5109	1372	113	1365	3458	3186	-594	-517	10676	5231	12839	2355	18262	49.27
23	2983	1538	618	5139	1372	61	1391	3514	3490	-628	-541	10956	4804	12699	2339	18099	49.12
24	2982	1736	625	5343	1372	68	1409	3536	3270	-628	-634	10872	3407	11538	2291	16570	49.14
MUs	71.67	39.80	14.62	126.08	32.82	2.04	34.06	81.99	80.89	-10.85	-9.33	267.14	96.84	312.70	49.81	413.79	49.22

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 09/Oct/2011

Position as on 6.30 Hrs of 10/Oct/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Chandrapur Unit 4	210	16/08/2011	00.04		Continued.	Annual Overhaul.	10/10/2011
Bhusawal Unit 2	210	22/08/2011	15.27		Continued.	Annual Overhaul	15/10/2011
Parli Unit 4	210	31/08/2011	01.07		Continued.	Annual Overhaul.	10/10/2011
Dabhol 1B	230	05/09/2011	23.57		Continued.	Generator Inspection	15/10/2011
Cent_Sect NTPC(K-4)	500	08/09/2011	14.26		Continued.	Annual Overhaul	18/10/2011
Bhusawal Unit 4	0	06/10/2011	11.54		Continued.	Outage.	
Koradi Unit 7	210	08/10/2011	23.43		Continued.	Annual overhaul.	09/11/2011
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	14/09/2011	21.37		Continued.	GT Inspection work	10/10/2011
Cent_Sect NTPC (V-1)	210	24/09/2011	15.16		Continued.	Coal bunkering problem.	
Cent_Sect NTPC(V-3)	210	24/09/2011	16.45		Continued.	Coal bunkering problem.	
Parli Unit 7	250	24/09/2011	18.53		Continued.	Main steam temp.low.	
Cent_Sect NTPC(V-4)	210	24/09/2011	18.58	09/10/2011	07.56	Coal bunkering problem.	
Khaparkheda Unit 5	500	02/10/2011	03.07	09/10/2011	22.05	Air Heater Problem	
Cent_Sect NTPC(V-2)	210	03/10/2011	17.32		Continued.	Coal Shortage.	
Paras Unit 4	250	06/10/2011	18.47		Continued.	Bunkering problem.	10/10/2011
Koyna ST-IV 2	250	06/10/2011	21.30		Continued.	Servo motor problem.	15/10/2011
Nasik Unit 3	210	07/10/2011	22.42	10/10/2011	00.30	Steem leakage.	
Koradi Unit 6	210	08/10/2011	08.52		Continued.	ID fan problem.	10/10/2011
Cent_Sect Sipat-4	500	08/10/2011	20.44		Continued.	Boiler tube leakage.	11/10/2011
Cent_Sect NTPC(V-8)	500	09/10/2011	19.37	09/10/2011	22.58	FD Fan Problem	
Koyna Unit 12	80	10/10/2011	05.08		Continued.	B phase Conductor snapped of Pedambe-Karad line	
Koyna Unit 11	80	10/10/2011	05.08		Continued.	B phase Conductor snapped of Pedambe-Karad line	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2011

Position as on 6.30 Hrs of 10/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Chandrapur-Bhadravti - I	26/09/2011	17.52		Continued.	Over Voltage.
Akola - Wardha - II	06/10/2011	23.08		Continued.	Over Voltage.
Akola-Aurangabad--II	07/10/2011	16.59	09/10/2011	11.30	Over Voltage.
Dhule-Sar'Sarovar - II	07/10/2011	23.43		Continued.	Over Voltage.
Parli-Parli (PGCIL)-II	08/10/2011	19.20		Continued.	H/T due to CVT fuse blown off at PGCIL end.
Kolhapur - Mapusa - I	08/10/2011	20.55	09/10/2011	11.24	To control Over Voltage.
Parli (PGCIL)-Bhadravati-II	08/10/2011	22.14		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	09/10/2011	19.35		Continued.	Over Voltage
Kolhapur - Mapusa - II	09/10/2011	22.07		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Parli (PG)-Bhadravati I	08/10/2011	19.50		Continued.	Tripped.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV315 MVA ICT-I @ BBLR	08/10/2011	08.15	09/10/2011	13.02	Attending oil leakage of R ph.CT.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 15.10.2011
Pophali - KDPH	08/10/2011	10.20	09/10/2011	00.05	Crimping of clamp and connector.
Pophali - KDPH	09/10/2011	09.35	09/10/2011	18.05	Replacement of Clamps Connector
Dahanu-Bhoisor	09/10/2011	09.48	09/10/2011	14.53	Replacement of Vibration Damper
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	08/10/2011	17.22		Continued.	To control Over Voltage.
Bhusawal- Aurangabad	09/10/2011	00.04	09/10/2011	05.30	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bale-Osmanbad	22/09/2011	06.38		Continued.	Parli ICT Loading.
Chandrapur - Warora	30/09/2011	23.40		Continued.	H/T for system stability.
Vita - Lamboti	08/10/2011	16.43		Continued.	H/T Vita end for control Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220KV,500 MVA ICT-III at Nagothane.	29/09/2011	15.20		Continued.	NDR.
400/220KV,100 MVA Spare Unit at Korady	04/10/2011	10.50		Continued.	Buchholz Alarm Recieved.
400/220KV 315 MVA ICT-II @ Padgha	09/10/2011	03.17	09/10/2011	19.35	Tripped main buchholz.
New Koyna - Stage IV	09/10/2011	16.48	09/10/2011	18.16	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
Karad-Pedambe	09/10/2011	11.50	09/10/2011	12.17	Distance Protection
Pedambe - Pophali - II	10/10/2011	05.08	10/10/2011	06.40	B phase Conductor snapped of Pedambe-Karad line
Pedambe-Kharepatan	10/10/2011	05.08	10/10/2011	05.50	B phase Conductor snapped of Pedambe-Karad line

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Oct/2011

Position as on 6.30 Hrs of 10/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/110KV,50 MVA T/F-II At Pedambe	10/10/2011	05.08	10/10/2011	06.05	B phase Conductor snapped of Pedambe-Karad line
Bus Section Breaker at Pedambe	10/10/2011	05.08	10/10/2011	05.35	B phase Conductor snapped of Pedambe-Karad line
Bus Coupler Breaker @ New Koyna	10/10/2011	05.08	10/10/2011	05.33	B phase Conductor snapped of Pedambe-Karad line
220/110KV,50 MVA T/F-I At Pedambe	10/10/2011	05.08	10/10/2011	06.05	B phase Conductor snapped of Pedambe-Karad line
Pedambe - Tambati	10/10/2011	05.08		Continued.	B phase Conductor snapped of Pedambe-Karad line
Pedambe - Karad	10/10/2011	05.08		Continued.	B phase Conductor snapped of Pedambe-Karad line
Pedambe-Newkoyna	10/10/2011	05.08	10/10/2011	05.52	B phase Conductor snapped of Pedambe-Karad line
Voltage Level : 132KV			Outage Type TRIPPED		
Dondaicha - Sahada	09/10/2011	11.50	09/10/2011	12.25	Distance Protection
Beed-Gevrai	10/10/2011	02.35	10/10/2011	03.00	Distance Protection
Voltage Level : 100KV			Outage Type TRIPPED		
Kandalgaon - Mhasale	09/10/2011	17.34	09/10/2011	17.44	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	135
Unit 6	210	0
Unit 7	210	0
	620	135
Bhusawal		
Unit 2	210	0
Unit 3	210	125
Unit 4	0	
	420	125
Parli		
Unit 3	210	150
Unit 4	210	0
Unit 5	210	100
Unit 6	250	150
Unit 7	250	0
	1130	400
Chandrapur		
Unit 1	210	140
Unit 2	210	130
Unit 3	210	150
Unit 4	210	0
Unit 5	500	250
Unit 6	500	250
Unit 7	500	250
	2340	1170
Paras		
Unit 3	250	57
Unit 4	250	0
	500	57
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
Unit 5	500	
	1340	680
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	132
Unit 4	210	142
Unit 5	210	102
	870	376
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	
	1940	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	6
BHIRA T.R.	80	40
RNGR+BHTSA	20	16
BHANDARDRA	45	13
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	164
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	530
WARDHA	405	260
Other CPPs	0	
	1005	790
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4599
	3455	4599