



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/Mar/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	128.443	3677.781	1) Madhya Pradesh	59.957	1482.841
2) Hydro	7.605	444.871	2) Gujrat	32.669	833.318
3) Gas	14.571	382.718	3) Goa	-6.578	-184.009
Total MSGENCO	150.619	4505.370	4) TAPS 1&2 (Inj.)	7.160	210.023
B) OTHERS			5) Pench (Excess)	-0.059	-6.772
1) RGPPL Gas	36.351	934.241	# Total Cent. Sector	93.149	2335.401
2) Wind Generation	6.805	127.563	F) Other Exchanges		
3) CPP	3.433	45.896	1) With TPCL (Excess)	-5.546	-102.317
4) PENCH (MS)	0.059	7.000	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	5.978	171.296
1) TPCL Thermal	30.338	865.391	Include PX	0.000	0.000
2) TPCL Hydro	4.692	121.357	2) MUMBAI Bilateral	6.469	125.596
TOTAL TPCL	35.030	986.748	Include PX	3.092	54.610
3) REL Thermal	12.618	366.233	3) MUMBAI Schedule	6.469	125.596
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	171.399	4909.405	1) MSEDCL	284.870	7853.154
2) Hydro (A2+B3+C2)	12.356	573.228	2) TPCL	34.508	938.590
3) Gas (A3+B1)	50.922	1316.959	3) REL	18.684	516.686
4) Wind (B2)	6.805	127.563	TOTAL STATE	338.062	9308.430
5) CPP (B3)	3.433	45.896			
TOTAL STATE	244.915	6973.051			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5412	5434	5338
MSGENCO Hydro	353	363	170
MSGENCO Gas	604	584	600
MSGENCO Total Generation	6369	6381	6108
Central Sector Receipt	4147	4232	3521
RGPPL	1494	1476	1573
WIND	83	495	309
CPP	181	162	75
Exchange with TPCL	-429	-312	22
MSEDCL DEMAND MET	11845	12434	11608
Load Shedding	3618	3632	1330
MSEDCL DEMAND (INCL. LS)	15463	16066	12938
TPCL GENERATION	1785	1696	1095
REL GENERATION	522	523	529
TPCL+REL DEMAND	2736	2531	1602
STATE DEMAND MET	14581	14965	13210
STATE DEMAND (INCL. LS)	18199	18597	14540
Frequency (Hz)	49.53	49.65	49.87
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4586 MW At 15.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			80.58 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.39 Hz at 08.07 Hrs	49.12 Hz at 22.08 Hrs	49.79	0 % 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 29/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.83	46.96	92	55	80
Unit 2	1.67	46.01	75	60	70
Unit 3	0.00	4.94	0	0	0
Unit 4	1.88	51.03	95	61	65
Unit 5	3.70	104.22	165	140	150
Unit 6	4.18	106.85	193	156	160
Unit 7	0.00	96.64	0	0	0
	13.26	456.65			525
Bhusawal					
Unit 1	1.19	31.69	53	44	50
Unit 2	4.32	129.24	190	160	185
Unit 3	4.44	122.96	190	180	195
	9.96	283.89			430
Parli					
Unit 1	0.52	15.88	23	16	22
Unit 2	0.55	13.85	24	22	22
Unit 3	0.00	37.16	0	0	0
Unit 4	3.84	121.01	175	146	200
Unit 5	2.09	105.86	183	0	0
Unit 6	6.04	172.68	255	247	250
Unit 7	4.85	94.15	252	0	0
	17.89	560.59			494
Chandrapur					
Unit 1	3.41	86.38	146	131	150
Unit 2	3.40	96.55	147	133	150
Unit 3	3.39	108.99	154	125	150
Unit 4	4.34	126.84	193	160	210
Unit 5	9.20	241.29	430	325	450
Unit 6	8.27	260.16	370	325	400
Unit 7	9.50	291.48	425	340	450
	41.50	1211.68			1960
Paras					
Unit 2	0.50	18.93	22	19	24
Unit 3	5.67	106.60	252	217	240
Unit 4	2.35	33.34	119	86	0
	8.52	158.87			264
Khaparkheda					
Unit 1	4.80	116.58	214	183	210
Unit 2	4.48	115.64	192	176	190
Unit 3	5.10	135.64	215	210	210
Unit 4	4.91	126.78	213	193	210
	19.30	494.64			820
Nasik					
Unit 1	2.13	58.19	100	72	100
Unit 2	2.16	56.69	96	83	90
Unit 3	4.82	133.38	205	190	200
Unit 4	4.33	124.63	194	170	205
Unit 5	4.58	138.57	204	178	210
	18.02	511.46			805
Koyna					
Stage 1-2	2.32	72.71	510	30	600
Stage 4	0.10	188.73	95	0	250
Stage 3	0.03	55.96	34	0	320
	2.45	317.39			1170
Kovna 12&4 Total	2.42	261.44			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		14.57	382.72	670	578	600
		14.57	382.72			600
Hydro						
KDPH		0.91	15.82	38	37	36
VTRNA		1.18	19.51	61	0	60
TILLARI		0.37	4.66	60	0	60
BHTGR/VEER		0.45	46.84	19	18	14
BHIRA T.R.		0.18	6.19	53	0	80
RNGR+BHTSA		0.30	8.88	13	12	12
BHANDARDRA		0.72	4.24	30	30	20
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.80	7.24	40	31	16
GHATGHAR		0.25	14.09	125	0	0
		5.15	127.48			298
PENCH (MS)						
Pench (MS)		0.06	7.00	50	0	0
		0.06	7.00			0
Wind						
MalharPeth		0.27	5.34			
Vankuswadi		0.48	10.83			
ATIT		0.28	3.95			
Kale		0.24	4.48			
Satara		0.21	4.86			
Shirala		0.22	4.33			
K Mahankal		0.05	2.42			
Supa		0.28	3.68			
Vita		0.70	16.44			
Dondaicha		2.50	42.48			
Sakri		0.33	6.47			
Nandurbar		0.42	6.77			
Khadakale		0.51	9.09			
Khaparale		0.30	6.42			
		6.80	127.56			
CPP						
TOTAL CPP		3.43	45.90			
		3.43	45.90			
Dabhol						
RGPPL		36.35	934.24	1577	1471	1500
		36.35	934.24			1500
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		9.96	287.45	415	415	400
Trombay 6		9.85	275.48	510	180	500
Trombay 7A		2.90	84.12	123	117	120
Trombay 7B		1.62	47.19	68	67	60
Trombay 8		6.00	171.15	250	250	250
TATA Hydro		4.69	121.36	471	0	447
		35.03	986.75			1777
REL						
1&2		12.62	366.23	529	522	500
		12.62	366.23			500
Cent Sect						
Share						3320
						3320
MS PG CL	Thermal	128.44	3677.78			5298
	Thml+Gas	143.01	4060.50			5898
	Hydro	7.60	444.87			1468
	Total	150.62	4505.37			7366
State Total		244.92	6973.05			14463

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Mar/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	5313	264	602	6179	1567	306	75	2930	3715	-97	-57	11785	1399	13184	1899	15083	49.74
2	5306	173	602	6081	1575	265	75	2883	3560	-50	-6	11550	1427	12977	1729	14706	49.89
3	5338	170	600	6108	1573	309	75	2862	3521	-26	22	11608	1330	12938	1602	14540	49.87
4	5336	185	600	6121	1577	282	75	2862	3371	-26	23	11449	1846	13295	1549	14844	49.98
5	5316	185	600	6101	1576	279	75	2863	3259	-26	25	11315	2002	13317	1538	14855	49.87
6	5168	258	625	6051	1572	293	75	2889	3606	-50	-2	11595	2262	13857	1602	15459	49.75
7	5086	237	670	5993	1576	264	147	3188	3311	-34	7	11298	2941	14239	1716	15955	49.93
8	5167	237	666	6070	1574	217	147	3152	3254	4	44	11306	3005	14311	1799	16110	49.88
9	5241	264	641	6146	1495	179	147	3126	3574	26	62	11603	2946	14549	2001	16550	50.07
10	5262	301	629	6192	1496	173	176	3583	4140	-404	-371	11806	3118	14924	2382	17306	49.80
11	5347	329	603	6279	1498	117	175	3630	4206	-456	-428	11847	3236	15083	2665	17748	49.73
12	5412	353	604	6369	1494	83	181	3609	4147	-456	-429	11845	3618	15463	2736	18199	49.53
13	5474	236	586	6296	1495	73	170	3614	4192	-456	-425	11801	3602	15403	2739	18142	49.75
14	5473	221	580	6274	1493	113	182	3589	4272	-456	-425	11909	3593	15502	2636	18138	49.66
15	5386	231	580	6197	1497	162	180	3553	4407	-456	-425	12018	3732	15750	2659	18409	49.88
16	5361	231	578	6170	1493	242	182	3542	4138	-456	-426	11799	3680	15479	2668	18147	49.85
17	5307	330	579	6216	1475	322	162	3613	4179	-504	-468	11886	3709	15595	2629	18224	49.89
18	5388	370	582	6340	1475	460	162	3614	4088	-504	-469	12059	3270	15329	2578	17907	49.97
19	5396	403	584	6383	1475	540	162	3260	3828	-407	-366	12022	3619	15641	2438	18079	49.93
20	5434	363	584	6381	1476	495	162	3304	4232	-330	-312	12434	3632	16066	2531	18597	49.65
21	5516	539	586	6641	1475	440	162	3320	4198	-330	-289	12627	3324	15951	2488	18439	49.56
22	5486	410	613	6509	1475	422	162	3370	4117	-378	-330	12355	3341	15696	2316	18012	49.68
23	5487	615	638	6740	1478	414	162	3263	4154	-297	-248	12706	2872	15578	2159	17737	49.53
24	5444	700	639	6783	1471	355	162	3162	3688	-297	-253	12256	1946	14202	2135	16337	49.49
MUs	128.4 4	7.60	14.57	150.62	36.35	6.80	3.43	78.78	93.16	-6.47	-5.55	284.88	69.45	354.33	53.19	407.52	49.79

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)

Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 29/Mar/2010

Position as on 6.30 Hrs of 30/Mar/2010

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
Parli Unit 3	210	11/03/2010	03.45		Continued.	Annual overhaul	05/04/2010
FORCED OUTAGE							
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
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Uran Unit 3	60	05/03/2010	09.49		Continued.	Gas Restriction.	
Koradi Unit 7	210	27/03/2010	07:43	30/03/2010	02.39	BLR T/L.	
Koradi Unit 3	105	28/03/2010	22.10		Continued.	Tripped ,furnance pressure low.	
Parli Unit 5	210	28/03/2010	23.02	29/03/2010	09.05	Tripped due to Turbine Differential Expansion High	
Parli Unit 7	250	29/03/2010	05.25	29/03/2010	08.32	Tripped on flame failue.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Mar/2010

Position as on 6.30 Hrs of 30/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	26/03/2010	16.31		Continued.	H/T for O/V.
Akola - Wardha - II	26/03/2010	17.33		Continued.	H/T.
Dhule-Sar'Sarovar - II	27/03/2010	02.55		Continued.	H/T for O/V.
Kolhapur-Mapusa Ckt I	29/03/2010	14.21	29/03/2010	16.47	H/T for Maint of B Bus Isolator of Mapusa - II.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT - II @ Koradi.	29/03/2010	08.22	29/03/2010	17.37	Tan Delta Measurment of 400/220 KV Bushing.
400KV Main Bus-I at Aurangabad	29/03/2010	10.57	29/03/2010	17.43	'B1W'beam Errection from Pune 2 to Pune 1.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
220/132 KV T/F - II @ Boiser	11/03/2010	12.30		Continued.	Aumantation of new 200 MVA ICT.
BUS SEC-II at Jejuri	19/03/2010	13.57		Continued.	Renovation of Isolator
220/132KV 100MVA ICT-I at Parly-II	20/03/2010	09.35		Continued.	HV Breaker Replacement work,ICT on TBC.
Karad-M'peth	23/03/2010	11.10		Continued.	Tower erection work.
Nasik - Airoli - Knowledge Park	27/03/2010	11.05		Continued.	For conductor replacement.
Aurangabad - BBLSR	28/03/2010	07.43	29/03/2010	19.37	For Replacement of CT's under LES scheme.
Ghatghar-Jindal	29/03/2010	09.10	29/03/2010	19.15	Conductor Replacement.
Uran-Kharghar-II	29/03/2010	11.07	29/03/2010	12.57	Isolator Jumper Replacement.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
Chandrapur-Padaghe Pole - II	29/03/2010	09.10	29/03/2010	12.45	Converter T/F Aux. Supply of Fan and Pump Fail.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Main Bus-II at Kolhapur	29/03/2010	14.45	29/03/2010	16.47	Maint.of B Bus Isolator of Mapusa - II.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Koradi - Kaparkheda	25/03/2010	19:50		Continued.	H/T.
Bhusawal- Aurangabad	27/03/2010	18:22		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
220/132 KV 200 MVA ICT-IV at NSK OCR	26/03/2010	11.15		Continued.	Oil leakage from delta point of LV side, B-Ph bushing.
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph C T Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	
Unit 6	210	
Unit 7	210	
	1040	
Bhusawal		
Unit 1	58	
Unit 2	210	
Unit 3	210	
	478	
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	
Unit 4	210	
Unit 5	210	
Unit 6	250	
Unit 7	250	
	1190	
Chandrapur		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
Unit 5	500	
Unit 6	500	
Unit 7	500	
	2340	
Paras		
Unit 2	55	
Unit 3	250	
Unit 4	250	
	555	
Khaparkheda		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
	840	
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	
Unit 4	210	
Unit 5	210	
	870	
Koyna		
Stage 1-2	600	
Stage 4	1000	
Stage 3	320	
	1920	
Uran		
All Units	852	

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	
Hydro		
KDPH	40	
VTRNA	60	
TILLARI	60	
BHTGR/VEER	21	
BHIRA T.R.	80	
RNGR+BHTSA	20	
BHANDARDRA	45	
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	611	
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	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	
	960	
Tata		
Trombay 4	150	
Trombay 5	500	
Trombay 6	500	
Trombay 7A	120	
Trombay 7B	60	
Trombay 8	250	
TATA Hydro	444	
	2024	
REL		
1&2	500	
	500	
Cent Sect		
Share	3143	
	3143	