

## Vehicle sales in India

	FY 98	FY 99	FY 00
Cars	345.486	410.992	417.736
MUV	65.969	134.558	133.629
LCV	128.779	84.109	62.925
M&HCV	128.094	151.475	93.628
Scooters	1.223.425	1.309.963	1.262.293
Motorcycles	809.527	978.725	1.132.533
Mopeds	627.079	674.012	648.843
3W	174.057	220.238	233.733
Tractors	191.196	224.802	249.794
<b>Total</b>	<b>3.693.612</b>	<b>4.188.874</b>	<b>4.235.114</b>

## Vehicle sales projections

		2003	2004	2005	2006
	<b>Growth</b>				
Cars	7%	589.363	630.619	674.762	721.995
Taxis	7%	49.269	52.718	56.408	60.356
MUV's	7%	123.472	132.115	141.363	151.259
3W	4%	205.265	213.476	222.015	230.895
Buses	2%	22.156	22.599	23.051	23.512

## Vehicle population

	Discard	2003	2004	2005	2006
Cars	3%	4.648.301	5.139.470	5.660.048	6.212.242
Taxis	3%	573.099	608.624	646.773	687.726
MUV's	3%	1.092.750	1.192.083	1.297.683	1.410.011
3W	3%	1.598.650	1.764.166	1.933.256	2.106.153
Buses	3%	539.670	546.079	552.748	559.677
		<b>8.452.470</b>	<b>9.250.422</b>	<b>10.090.508</b>	<b>10.975.810</b>

Vehicle Population in Targe India %		2.003	2.004	2.005	2.006
<b>Cars</b>	58%	2.675.945	2.958.703	3.258.391	3.576.279
<b>Taxis</b>	73%	416.857	442.696	470.445	500.233
<b>MUVs</b>	65%	705.548	769.684	837.866	910.392
<b>3W</b>	80%	1.271.400	1.403.034	1.537.511	1.675.015
<b>Buses</b>	58%	311.020	314.714	318.557	322.551
		<b>5.380.770</b>	<b>5.888.831</b>	<b>6.422.769</b>	<b>6.984.470</b>

	Pre-op 2004	Yr 1 2005	Yr 2 2006
<b>% Switch to AutoLPG</b>			
Cars	1,0%	2,0%	3,9%
Taxis	1,0%	2,7%	7,1%
MUV's	1,0%	2,3%	5,5%
3W	1,0%	2,8%	7,7%
Buses	1,0%	1,8%	3,2%
<b>Weighted average</b>	0,6%	1,4%	3,3%

## Population of AutoLPG vehicles

	2004	2005	2006
Cars	32.584	70.381	151.578
Taxis	4.704	13.302	37.632
MUV's	8.379	21.306	54.092
3W	15.375	46.618	140.647
Buses	3.186	5.736	10.331
<b>Subtotal</b>	<b>64.228</b>	<b>157.343</b>	<b>394.280</b>

**Market Share of EF Energy      30%**

**Population of AutoLPG Vehicles under EF Energy**

	2.004	2.005	2.006
Cars	9775	21114	45473
Taxis	1411	3991	11290
MUV's	2514	6392	16228
3W	4613	13985	42194
Buses	956	1721	3099
<b>Subtotal</b>	<b>19.268</b>	<b>47.203</b>	<b>118.284</b>

**Total distance travelled pa**

(million km)	kmpa	2004	2005	2006
Cars	15.000	147	317	682
Taxis	30.000	42	120	339
MUV's	37.000	93	237	600
3W	40.000	185	559	1.688
Buses	30.000	29	52	93
<b>Total distance travelled pa</b>		<b>495</b>	<b>1.284</b>	<b>3.402</b>

**GHG Emissions (g/Vehicle-KM)**

	Gasoline	Reduction overline Fraction
Cars	232 15%	100%
Taxis	252 15%	100%
MUV's		
3W	82 15%	100%
Buses		

GHG EMISSIONS REDUCED (Tons/year)	2004	2005	2006
Cars	5103	11022	23737
Taxis	1600	4525	12802
3W	2269	6881	20759
<b>Total</b>	<b>8972</b>	<b>22428</b>	<b>57299</b>

**Target vehicle population  
(FY 2000)**

	Share	Cars	Taxis	MUV
Gujarat	9%	366.395	37.905	100.800
Daman & Diu	0%	6.897	50	1.454
Dadra & Nagar Haveli	0%	3.357	193	550
Maharashtra	16%	619.028	88.272	214.100
Goa	1%	39.566	6.205	9.579
Karnataka	7%	306.522	31.178	50.350
Kerala	7%	251.377	79.623	67.850
Tamil Nadu	8%	419.570	51.430	45.300

Pondicherry	0%	16.324	1.876	1.450
Andhra Pradesh	5%	172.306	27.694	53.100
Orissa	1%	41.561	7.039	30.100
Bihar	3%	117.810	38.840	55.200
West Bengal	6%	315.232	46.553	75.715
<b>Subtotal</b>	64%	<b>2.675.945</b>	<b>416.857</b>	<b>705.548</b>
<b>All India</b>	100%	<b>4.648.301</b>	<b>573.099</b>	<b>1.092.750</b>
<b>Share of target states</b>		<b>58%</b>	<b>73%</b>	<b>65%</b>

**EEL's market share                      30%**

<b>FY 01</b>	<b>FY 02</b>	<b>CAGR (01)</b>	<b>CAGR (02)</b>	<b>Population</b>
409.624	638.632	5,8%	16,6%	5.221.400
111.703	123.472	19,2%	17,0%	1.092.750
56.344	60.239	-24,1%	-17,3%	
83.645	111.326	-13,2%	-3,4%	3.120.670
1.325.860	1.253.880	2,7%	0,6%	33.321.200
1.395.650	1.796.783	19,9%	22,1%	
679.526	724.395	2,7%	3,7%	
210.220	205.265	6,5%	4,2%	1.598.650
253.188	251.601	9,8%	7,1%	
<b>4.525.760</b>	<b>5.165.593</b>	<b>7,0%</b>	<b>8,7%</b>	<b>48.001.520</b>

<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
772.535	826.612	884.475	946.389	1.012.636	1.083.520	1.159.367
64.581	69.102	73.939	79.115	84.653	90.579	96.919
161.847	173.176	185.298	198.269	212.148	226.998	242.888
240.131	249.736	259.726	270.115	280.919	292.156	303.842
23.982	24.462	24.951	25.450	25.959	26.478	27.008

<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
6.798.410	7.421.070	8.082.913	8.786.815	9.535.846	10.333.291	11.182.659
731.676	778.827	829.402	883.634	941.778	1.004.103	1.070.899
1.529.557	1.656.847	1.792.439	1.936.935	2.090.975	2.255.244	2.430.475
2.283.100	2.464.343	2.650.138	2.840.749	3.036.446	3.237.509	3.444.226
566.869	574.325	582.047	590.036	598.294	606.824	615.627
<b>11.909.612</b>	<b>12.895.412</b>	<b>13.936.939</b>	<b>15.038.169</b>	<b>16.203.339</b>	<b>17.436.970</b>	<b>18.743.886</b>

<b>2.007</b>	<b>2.008</b>	<b>2.009</b>	<b>2.010</b>	<b>2.011</b>	<b>2.012</b>	<b>2.013</b>
3.913.725	4.272.180	4.653.191	5.058.415	5.489.619	5.948.694	6.437.661
532.201	566.497	603.284	642.731	685.023	730.357	778.943
987.579	1.069.764	1.157.312	1.250.607	1.350.065	1.456.127	1.569.268
1.815.740	1.959.882	2.107.645	2.259.236	2.414.873	2.574.778	2.739.179
326.695	330.992	335.442	340.047	344.806	349.722	354.795
<b>7.575.940</b>	<b>8.199.316</b>	<b>8.856.874</b>	<b>9.551.036</b>	<b>10.284.387</b>	<b>11.059.678</b>	<b>11.879.845</b>

<b>Yr 3</b> <b>2007</b>	<b>Yr 4</b> <b>2008</b>	<b>Yr 5</b> <b>2009</b>	<b>Yr 6</b> <b>2010</b>	<b>Yr 7</b> <b>2011</b>	<b>Yr 8</b> <b>2012</b>	<b>Yr 9</b> <b>2013</b>
7,6%	15%	15,0%	15,0%	15,0%	15,0%	15,0%
18,8%	50%	50,0%	50,0%	50,0%	50,0%	50,0%
12,8%	30%	30,0%	30,0%	30,0%	30,0%	30,0%
21,6%	60%	60,0%	60,0%	60,0%	60,0%	60,0%
5,6%	10%	10,0%	10,0%	10,0%	10,0%	10,0%
7,8%	19,0%	18,9%	18,9%	18,8%	18,7%	18,6%

2007	2008	2009	2010	2011	2012	2013
325.625	697.979	758.762	823.443	892.304	965.649	1.043.802
106.519	301.642	321.366	342.512	365.179	389.471	415.503
137.129	347.193	375.182	405.020	436.838	470.780	506.997
422.516	1.264.587	1.355.542	1.448.924	1.544.867	1.643.507	1.744.988
18.613	33.544	34.005	34.481	34.972	35.480	36.003
<b>1.010.402</b>	<b>2.644.945</b>	<b>2.844.857</b>	<b>3.054.379</b>	<b>3.274.160</b>	<b>3.504.888</b>	<b>3.747.293</b>

2.007	2.008	2.009	2.010	2.011	2.012	2.013
97688	209394	227629	247033	267691	289695	313140
31956	90493	96410	102754	109554	116841	124651
41139	104158	112555	121506	131051	141234	152099
126755	379376	406663	434677	463460	493052	523497
5584	10063	10201	10344	10492	10644	10801
<b>303.121</b>	<b>793.484</b>	<b>853.457</b>	<b>916.314</b>	<b>982.248</b>	<b>1.051.466</b>	<b>1.124.188</b>

2007	2008	2009	2010	2011	2012	2013
1.465	3.141	3.414	3.705	4.015	4.345	4.697
959	2.715	2.892	3.083	3.287	3.505	3.740
1.522	3.854	4.165	4.496	4.849	5.226	5.628
5.070	15.175	16.267	17.387	18.538	19.722	20.940
168	302	306	310	315	319	324
<b>9.184</b>	<b>25.186</b>	<b>27.044</b>	<b>28.981</b>	<b>31.004</b>	<b>33.118</b>	<b>35.328</b>

2007	2008	2009	2010	2011	2012	2013
50993	109303	118822	128951	139735	151221	163459
36238	102619	109329	116522	124234	132498	141354
62363	186653	200078	213861	228022	242582	257560
149594	398575	428229	459335	491991	526300	562374

3W	Buses	Cars+Taxis	Subtotal
234.200	42.200	404.300	781.500
450	200	6.946	9.050
400	200	3.550	4.700
383.000	53.200	707.300	1.357.600
4.000	3.000	45.771	62.350
154.900	44.470	337.700	587.420
188.700	36.500	331.000	624.050
101.500	33.900	471.000	651.700

1.850	1.250	18.200	22.750
116.650	30.900	200.000	400.650
12.300	11.600	48.600	102.600
48.250	20.600	156.650	280.700
25.200	33.000	361.785	495.700
1.271.400	311.020	3.092.802	5.380.770
1.598.650	539.670	5.221.400	8.452.470
80%	58%	59%	64%

<b>2014</b>	<b>2015</b>
1.240.522	1.327.359
103.703	110.963
259.890	278.083
315.996	328.636
27.548	28.099

<b>2014</b>	<b>2015</b>
12.087.701	13.052.429
1.142.476	1.219.164
2.617.451	2.817.010
3.656.895	3.875.824
624.706	634.064
<b>20.129.229</b>	<b>21.598.492</b>

<b>2.014</b>	<b>2.015</b>
6.958.678	7.514.055
831.005	886.786
1.689.991	1.818.839
2.908.314	3.082.427
360.028	365.421
<b>12.748.016</b>	<b>13.667.528</b>

**Yr 10**  
**2014**

15,0%  
50,0%  
30,0%  
60,0%  
10,0%  
18,5%

**2014**

1.127.108

443.393

545.652

1.849.456

36.542

**4.002.152****2.014**

338132

133018

163696

554837

10963

**1.200.645****2014**

5.072

3.991

6.057

22.193

329

**37.642****2014**

176505

150842

272980

600327