

## Annex B.12

## ENERGY-ECONOMY INDICATORS

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<b>ECONOMIC PARAMETERS</b>											
<b>GDP</b> (in billion pesos)	766.37	802.22	849.12	892.86	887.91	918.00	958.40	990.04	1,032.97	1,081.50	1,138.02
<b>Growth Rate</b> (in percent)	4.39	4.68	5.85	5.15	(0.55)	3.39	4.40	1.76	4.34	4.70	5.23
<b>Population</b> (million)	66.54	68.62	69.95	71.54	73.15	74.80	76.50	78.03	79.59	81.18	82.80
<b>Forex</b> (Pesos/US\$)	26.42	25.71	26.22	29.47	40.89	39.09	44.25	51.00	51.61	54.22	56.00
<b>Crude Cost</b> (\$ per barrel)	15.32	16.62	19.32	18.86	12.13	17.21	26.14	22.81	23.80	26.79	37.54
<b>ENERGY</b>											
<b>Energy</b> (in MMBFOE)	146.51	209.75	222.86	241.73	240.24	245.49	250.89	249.74	255.38	265.46	278.71
Growth Rate	7.09	43.16	6.25	8.47	(0.62)	2.19	2.20	(0.46)	2.26	3.95	4.99
<b>Energy</b> (net of NRE, in MMBFOE)				171.79	171.36	176.09	174.43				
Growth Rate				11.03	(0.25)	2.76	(0.94)				
<b>Petroleum</b> (in MMBFOE)	102.72	114.01	117.85	132.93	129.20	122.63	113.61	112.22	108.96	105.16	107.64
Growth Rate	7.02	10.99	3.37	12.80	(2.81)	(5.09)	(7.36)	(1.22)	(2.91)	(3.49)	2.36
<b>Oil</b> (in MMBFOE)				132.93	129.21	122.65	106.61				
Growth Rate				12.80	(2.80)	(5.08)	(13.08)				
<b>Electricity</b> (in GWh)	30,459.00	33,554.00	36,708.00	39,797.00	41,578.00	41,432.00	45,290.00	47,040.10	48,467.44	52,941.00	55,957.00
Growth Rate	14.60	10.16	9.40	8.42	4.48	(0.35)	9.31	3.86	3.03	9.23	5.70
<b>ELASTICITY</b>											
Energy-to-GDP	1.62	9.23	1.07	1.64	1.11	0.64	0.50	(0.26)	0.52	0.84	0.96
Energy-to-GDP (net of NRE)				2.14	0.45	0.81	(0.21)				
Petroleum-to-GDP	1.60	2.35	0.58	2.48	5.06	(1.50)	(1.67)	(0.70)	(0.67)	(0.74)	0.45
Oil-to-GDP				2.48	5.04	(1.50)	(2.97)				
Electricity-to-GDP	3.33	2.17	1.61	1.63	(8.06)	(0.10)	2.12	2.20	0.70	1.96	1.09
<b>INTENSITY</b>											
Energy-to-GDP (BFOE/P'0000)	1.91	2.61	2.62	2.71	2.71	2.67	2.62	2.52	2.47	2.45	2.45
Energy-to-GDP (BFOE/P'0000) (net of NRE)				1.92	1.93	1.92	1.82				
Petroleum-to-GDP (BFOE/P'0000)	1.34	1.42	1.39	1.49	1.46	1.34	1.19	1.13	1.05	0.97	0.95
Oil-to-GDP (BFOE/P'0000)	16.00	23.49	5.76	24.84	50.56	(15.00)	(16.71)				
Electricity-to-GDP (kwh/P'000)	39.74	41.83	43.23	44.57	46.83	45.13	47.26	47.51	46.92	48.95	49.17
<b>ENERGY per CAPITA</b> (BFOE)	2.20	3.06	3.19	3.38	3.28	3.28	3.28	3.20	3.21	3.27	3.37
<b>PETROLEUM per CAPITA</b> (BFOE)	1.54	1.66	1.68	1.86	1.77	1.64	1.49	1.44	1.37	1.30	1.30
<b>ENERGY per CAPITA</b> (BFOE) (net of NRE)	0.00	0.00	0.00	5.83	4.19	4.50	3.94	0.00	0.00	0.00	0.00
<b>OIL per CAPITA</b> (BFOE)	6.70	6.86	6.10	7.05	10.65	7.13	4.35	4.92	4.58	3.91	3.91
<b>ELECTRICITY per CAPITA</b> (kwh)	457.79	489.00	524.80	556.30	568.39	553.90	592.03	602.85	608.97	652.13	675.77
<b>Imported Oil</b> (MMBFOE)	102.18	113.98	117.40	132.76	128.93	123.30	113.30	111.33	117.34	115.70	113.22
<b>Imported Oil Share to Total Energy</b>	69.74	54.34	52.68	54.92	53.67	49.80	45.16	44.58	45.95	43.58	40.62
<b>Oil Import Bill</b> (CIF, MMs)	2.00	2.40	2.85	2.89	1.94	2.47	4.09	3,442.00	3,328.40	3,943.40	4,569.90
<b>Oil Fraction in Total Import Bill</b> (%)	15.87	16.06	16.68	17.61	19.51	24.14	41.70	-	-	-	-