

Philippines

Energy Efficiency/CO ₂ ¹ Indicators	Units	1980	1990	2000	⁴ 2008
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.174	0.186	0.204	0.139
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.105	0.121	0.161	0.113
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.160	0.145	0.152	0.101
Final energy intensity (at ppp)	koe/\$05p	0.127	0.116	0.117	0.079
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.136	0.120	0.122	0.080
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.117	0.102	0.107	0.072
Ratio final/primary intensity	%	74.4	63.6	58.5	57.7
CO ₂ intensity (at ppp)	kCO ₂ /\$05p	n.a.	0.266	0.345	0.246
CO ₂ emissions per capita	tCO ₂ /cap	n.a.	0.65	0.91	0.81
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.082	0.073	0.079	0.072
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.114	0.084	0.108	0.096
Energy intensity of chemicals industry (at ppp)	koe/\$05p	n.a.	n.a.	0.980	0.129
Unit consumption of steel	toe/t	n.a.	0.66	1.07	0.45
Share of electric process in steel production	%	n.a.	94	100	100
Share of industrial cogeneration in power generation	%	0	0	0	0
CO ₂ intensity of industry ² (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.171	0.162	0.158
CO ₂ emissions of industry ² per capita	tCO ₂ /cap	n.a.	0.13	0.14	0.15
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.027	0.030	0.040	0.028
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	0.30	0.81
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	n.a.	n.a.
Share of biofuels in road transport energy consumption	%	0	0	0	0.4
CO ₂ intensity of transport to GDP (at ppp)	kCO ₂ /\$05p	n.a.	0.091	0.121	0.085
CO ₂ emissions of transport per capita	tCO ₂ /cap	n.a.	0.22	0.32	0.28
Households					
Average electricity consumption of households per capita	kWh/cap	61	92	169	186
Average electricity consumption of electrified households	kWh/hh	n.a.	902	996	898
Households consumption for electrical appliances and lighting	kWh/hh	n.a.	n.a.	n.a.	n.a.
Per capita installed capacity of solar water heaters	m ² /1000inhab	n.a.	n.a.	n.a.	n.a.
CO ₂ emissions of residential sector per household	tCO ₂ /hh	n.a.	0.20	0.27	0.14
Services					
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.026	0.013	0.020	0.014
Electricity intensity of service sector (to value added) (at ppp)	kWh/k\$05p	143	90	123	112
Unit consumption of services per employee	toe/emp	0.18	0.08	0.11	0.09
Unit electricity consumption of services per employee	kWh/emp	1005	555	707	747
CO ₂ intensity of service sector (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.006	0.022	0.010
CO ₂ emissions of service sector per employee	tCO ₂ /emp	n.a.	0.04	0.12	0.06
Agriculture					
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0.007	0.009	0.008	0.003
CO ₂ intensity of agriculture (to value added) (at ppp)	kCO ₂ /\$05p	n.a.	0.024	0.022	0.006
CO ₂ emissions of agriculture sector per capita	tCO ₂ /cap	n.a.	0.01	0.01	0.00
Transformation sector					
Efficiency of total electricity generation	%	48.0	60.3	50.0	54.5
Rate of electricity transmission-distribution losses	%	1.8	17.8	17.4	15.6
Efficiency of thermal power plants	%	38.9	46.8	36.4	44.2
Share of renewables in electricity generating capacity	%	31.0	44.3	31.7	34.4
Share of renewables in gross electricity consumption	%	31.1	47.7	42.9	33.9

¹ CO₂ from fuel combustion

² incl. autoproducers

³ by main sector

⁴ Italic = 2007

GDP / PRICES	Units	1980	1990	2000	2008
GDP per capita (at ppp)	\$05p/cap	2618	2385	2587	3244
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	n.a.	28.1
Average price of motor fuels (at ppp)	\$05p/l	n.a.	0.97	0.82	1.39