According to the International Energy Agency (IEA), between 2005 and 2009, Australia emitted more than the world's average amount of CO2 per unit of power generated (measured in grams of carbon dioxide per kilowatt-hour—gCO2 per kWh).

Australia emitted 884gCO2 per kWh compared to a global average of 457gCO2 per kWh (see figure).