

CRC Energy Efficiency Scheme Order: Table of Conversion Factors

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Under the CRC Energy Efficiency Scheme, participants are obliged to collate information about their energy supplies, submit a report about their energy supplies, and buy and surrender allowances equal to the CO₂ emissions they generated. The CRC registry will make the conversion from energy to tonnes of carbon dioxide by application of the relevant emission factor. Emissions factors are set out in the table below.

		Fuel Type	Measurement Unit	Emissions Factor kgCO ₂ / per measurement unit
Phase I	2010/11 - 2013/14	Electricity	kWh	0.5410
		Natural Gas*	kWh	0.1836

		Fuel Type	Measurement Unit	Emissions Factor kgCO ₂ / per measurement unit	
Phase II	2014-15	Electricity	Onsite generated and self-supplied	kWh	0.490230
			Grid	kWh	0.533100
		Natural Gas*	kWh	0.184557	
	2015-16	Electricity	Onsite generated and self-supplied	kWh	0.458500
			Grid	kWh	0.496360
		Natural Gas*	kWh	0.184070	
	2016-17	Electricity	Onsite generated and self-supplied	kWh	0.409570
			Grid	kWh	0.446620
		Natural Gas*	kWh	0.183645	
	2017-18	Electricity	Onsite generated and self-supplied	kWh	0.348850
			Grid	kWh	0.381460
		Natural Gas*	kWh	0.183810	
	2018-19	Electricity	Onsite generated and self-supplied	kWh	0.28088
			Grid	kWh	0.30482
		Natural gas*	kWh	0.18362	

* This conversion factor should be used for any gas supplied through the national grid network