

Appendix 2

Appendix 2: Cost of achieving “Net Zero” in 2021

This table summarises the cost of 10% and 100% green gas combined with offsetting to achieve “net zero”

	Amount of green gas	Additional cost of green gas £ / year	Remaining net annual carbon emissions (transport and residual, e.g. water) from Oct 2020 Estimated tCO2/y	Cost to offset remaining emissions locally / year (at £13/tCO2)	Cost to offset remaining emissions in the developing world / year (at £6tCO2)	Total additional estimated £cost / year (Range: dependent on the offsetting scheme)
Option 1	100% green gas	c£135k	2400	c.£31k	c.£14.5k	c£150k - £165k
Option 2	10%	c£13.5k	5370	c.£70k	c.£32k	c.£46-£84k
Option 3	0 (100% fossil gas)	-	5700	c.£74k	c.£34k	c.£34-74k

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