

# Green tariffs from British Gas

## Importance of renewables and UK Government commitment to them

The UK government remains committed to developing renewable technologies and growing renewable energy generation.

Suppliers already source 24% of their electricity from renewable sources. We already source 40% of our electricity from renewable sources. To view our fuel mix, have a look at the table on page 2.

## How the electricity gets from being generated to your door

Electricity is generated from a variety of types of generation (e.g. coal, gas fired, wind) and is fed into the National Grid, and then through the transmission and distribution network to your home. At this point it all gets mixed up, regardless of the original source, so it is impossible to trace electricity generated from a particular renewable source through to an end customer.

So that means for green tariffs, suppliers will own or purchase certificates to show that for the equivalent amount of electricity used, the same amount has been fed back into the Grid.

### Additionality

When green tariffs offer additional benefits to the environment, in addition to other legal obligations and schemes, this is called 'additionality'. This could be matched renewable electricity that isn't being counted against other obligations, or donations to an environmental organisation.

## Our green tariffs for household customers

Our green tariffs are dual fuel tariffs and with 100% of your electricity matched with renewable electricity. We'll also offset double the carbon footprint of the gas that you buy from us. This means that for the electricity you use the same amount of green electricity will be fed into the network, and for the gas that use with us double the carbon footprint will be offset through carbon emission reduction projects in the developing world

These tariffs provide an 'additional' environmental benefit. This is as the renewable electricity that is matched to your usage is over and above our existing environmental commitments, and as all our green tariffs are dual fuel you have double the gas carbon footprint that you use on these tariffs offset through Certified Emissions Reduction Certificates (CERs).

## Our fuel mix

All suppliers, including British Gas, are required to provide information about the mix of fuels used to generate the electricity supplied to their customers as well as its environmental impact.

Known as the Fuel Mix Disclosure, we must publish this information annually. The table below shows the British Gas Fuel Mix Disclosure for the period 1st April 2016 to 31st March 2017.

# Green tariffs

Energy Source	British Gas	UK Average
Coal	11%	9%
Natural gas	35%	44%
Nuclear	10%	21%
Renewables	40%	24%
Other fuels	4%	2%
CO <sub>2</sub> emissions	252 g/kWh	254 g/kWh
High-level radioactive waste	0.0007 g/kWh	0.0015 g/kWh