



Biofuel in Greenergy petrol & diesel

15th January 2011 – 14th February 2011

We blend biofuel into all of the petrol and diesel we supply up to the limits set by the quality standards EN228 and EN590.

Bioethanol

During the period 15 January – 14 February 2011 the bioethanol blended into the petrol we supplied in the UK was derived from the following sources:

Feedstock	% of bioethanol supplied	% Carbon saving over mineral petrol
Corn	91%	56%
Sugar cane	9%	71%
Bioethanol weighted average		57%

Corn

The bioethanol we used this month was derived from corn grown and processed in both the USA.

We have worked with our US suppliers to understand the greenhouse gas savings from the bioethanol they produce, looking at fertiliser use as well as energy used in processing and transport. This work showed for these suppliers a greenhouse gas saving of 56% - more than double the RTFO default level of 26%.

Sugar cane

We are continuing our work with bioethanol producers in Brazil to help them apply the Gold Standard sustainability criteria that we developed to demonstrate compliance with the RTFO sustainability principles. Again this month, all of the Brazilian bioethanol we supplied has been independently audited and found to meet these criteria. For more information see www.greenergy.com/Biofuel_sustainability/auditing_brazil.html



Biodiesel

During the period 15 January - 14 February 2011, the biodiesel blended into the diesel we supplied in the UK was derived from the following feedstocks:

Feedstock	% of biodiesel supplied	% Carbon saving over mineral diesel
Used cooking oil	96%	84%
Tallow	0.5%	84%
Soy	0.5%	31%
Oilseed rape	3%	38%
Biodiesel weighted average		82%

Used cooking oil and tallow

We continue to favour used cooking oil and tallow biodiesels because, as by-products of the food production industry, they offer the greatest greenhouse gas savings.

We have invested in changes to our biodiesel plant in order to process biodiesel from used cooking oil and tallow more efficiently. This has allowed us to significantly increase our access to biodiesel derived from waste products.

Oilseed rape

The rapeseed used in the biodiesel we supplied this month was grown in various European countries.