

Renewable Diesel Fuel sample due to arrive in NZ

Miscanthus NZ, GP International 5 March 2018



The first sample of **CARBON NEGATIVE RENEWABLE DIESEL FUEL (RDF)** is scheduled to arrive in NZ on Thursday 8 March 2018.

This is a landmark achievement for Miscanthus New Zealand Ltd (MNZ) and its sister company GP International Ltd (GPI) both of which have been working toward this for several years.

A renewable fuel that is also a carbon sink

GPI director Gary Milne said *“To the best of my knowledge, there is no other liquid fuel available in NZ that actually sequesters carbon dioxide rather than just substituting for fossil fuel greenhouse gas emissions. Once this RDF is recognised and begins to be used widely, it is going to turn around the whole image of diesel transport.”*

Because the RDF is better than carbon neutral, in greenhouse gas terms it out-performs electricity, even in NZ with our relatively high percentage of renewable generation. When compared with vehicles using RDF, no other fuel source comes close to the environmental benefits that RDF brings with it.

Independent testing in NZ

The initial sample is going to be used for testing by Independent Petroleum Laboratory so that users can be confident that the NZ diesel standards are matched or bettered, based on independent evaluation within NZ. Tests that have been completed in the USA have shown that RDF can easily meet the NZ standards.

Some members of Bioenergy Association have already shown interest in both production of RDF and in being significant users. Peter Brown, Managing Director of MNZ observed *“GPI and MNZ expect that once the first RDF production facility is in operation in NZ and the benefits are able to be seen, there will be a queue of companies wanting to also get into RDF production and use.”*

Multiple other benefits

One of the added benefits of domestic RDF production will be that it enhances NZ's energy security. At the same time, it will reduce the amount NZ has to spend on fuel imports, allow NZ to be less influenced by USD:NZD changes and should allow domestic marketing of RDF at a price that is not influenced in any way by the international price of oil.

The benefits in terms of the very marketable co-products will add yet another positive dimension to the whole RDT story.

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