



Nexterra Test Results Verify Syngas Quality

Vancouver, BC - July 15, 2005 Nexterra Energy Corp. today announced outstanding test results from the analysis of hot syngas produced by gasifying bark wood fuel at its gasification test plant. Third party syngas analysis was conducted by A. Lanfranco and Associates, a Vancouver-based emissions monitoring firm.

The analysis confirmed that Nexterra's gasification technology produces syngas with a heating value of 300 btu/ft³, while operating on wet bark fuel (hog fuel) with a moisture content of 45%. The temperature of the syngas exiting the gasifier was 500 degrees F. The syngas was composed primarily of hydrogen, carbon monoxide, methane and nitrogen. Pyrolytic tars comprise approximately 4% of the heating value of the syngas.

The syngas also contained very low levels of inorganic ash. Stack emission tests, also conducted by Lanfranco, verified that syngas combustion produced emissions levels well below BC Provincial standards without requiring air pollution control equipment.

"We are delighted with these results," said Dejan Sparica, Nexterra's Chief Engineer. "The tests confirm that our gasifier produces a clean, low temperature syngas with heating value properties that are well suited for direct substitution of natural gas in boilers, kilns and other heat recovery equipment via a syngas combustion nozzle. The fact that our technology can produce these results while operating on hog fuel opens up exciting new market opportunities for Nexterra."

About Nexterra Energy Corp. - Nexterra Energy develops and manufactures advanced gasification systems for industrial customers. Our gasification technology converts solid fuels into clean burning syngas which is used as a direct substitute for natural gas to produce heat and/or power. Nexterra's energy solutions enable customers to dramatically reduce costs by self-generating energy using low cost fuels or residuals. This provides long term energy security and reduces reliance on conventional energy sources. For more information, visit our website at www.nexterra.ca.

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