

Nexterra Biomass Gasification System Nears Completion at Johnson Controls Cogeneration Plant for University of South Carolina

Vancouver, BC – January 31, 2007 – Nexterra Energy Corp. (www.nexterra.ca) today announced that it has completed delivery of a 72 MMBtu/hr gasification system to Johnson Controls Inc. Under a previously announced agreement, Nexterra has supplied its proprietary gasification technology as a key component of a US \$16 million biomass cogeneration plant Johnson Controls is building for the University of South Carolina (USC). The plant is scheduled to be completed and commissioned in the second quarter of this year.

Once operational, the gasification cogeneration facility will convert wood residue supplied by local sawmills into clean renewable energy that will help the university become more energy self-sufficient, reduce its reliance on fossil fuels and lower energy costs. At peak capacity, the plant will generate 60,000 lbs/hr of steam which will be used to heat the campus, as well as 1.38 MW of electricity that will be sold to the grid.

"We are very pleased to be in the final stages of completing this important renewable energy project at USC," said Alan Kirn, General Manager of Advanced Solutions with Johnson Controls. "We have been impressed with Nexterra's performance and professionalism in delivering their part of the project, and believe that there is widespread opportunity for replicating this unique energy solution at other customer locations. We look forward to the start up and commissioning of the plant in the second quarter of 2007."

"Collaborating with Johnson Controls on this project has been terrific, and has provided a strong entry point for Nexterra into the US energy services and institutional markets," said Jonathan Rhone, Nexterra's President and CEO. "Our business is to provide clean energy gasification solutions that enable universities, industrial customers and other institutions to take control of their energy costs. JCI is the leading provider of energy services in this market, and we look forward to a continued partnership between our two companies."

About Johnson Controls, Inc. – Johnson Controls is a global market leader in automotive systems and facilities management and control. For non-residential facilities, Johnson Controls provides control systems and services including comfort, energy and security management. Johnson Controls (NYSE: JCI), founded in 1885, is headquartered in Milwaukee, Wisconsin. Its sales for 2006 (continuing operations) totaled \$32.2 billion. For more information on Johnson Controls, Inc., visit the company's website at www.jci.com.

About Nexterra Energy Corp. – Nexterra Energy is a leading developer and supplier of advanced gasification systems that enable customers to self-generate clean, low cost heat and/or power using waste fuels "inside-the fence" at institutional and industrial facilities. Nexterra gasification systems provide a unique combination of attributes including design simplicity, reliability, versatility, ultra-low emissions, low cost and full automation to provide customers with a superior value proposition compared to conventional solutions. Nexterra is a private company based in Vancouver, BC, Canada. For more information: www.nexterra.ca.

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