nexterra News Release

Nexterra Energy-from-Renewable-Waste Gasification System at the US DOE's Oak Ridge National Laboratory Commences Full Commercial Operation

Vancouver, BC – July 24, 2012 – Nexterra Systems Corp., the US Department of Energy and Johnson Controls Inc. recently celebrated the Grand Opening and dedication of the biomass gasification energy plant at the US Department of Energy's Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee. After a rigorous and comprehensive testing program which included a 30 day endurance trial, third party emissions tests and an exhaustive readiness review, the system was officially declared open by the DOE and ready for full commercial operation. The system is the sixth Nexterra system to enter commercial operation.

The Nexterra system is a cornerstone of a $94 million Energy Savings Performance Contract (ESPC) for Johnson Controls to undertake a wide range of building management and energy conservation measures at ORNL. Nexterra supplied the complete energy-from-renewable-waste system, from fuel handling and storage through to the exhaust stack. The system converts low-cost waste biomass into a clean burning syngas to produce 60,000 lbs/hr of saturated steam, reducing fossil fuel consumption by 80 per cent. The system will reduce greenhouse gas emissions by over 20,000 tonnes per year. This is the equivalent of removing 4,000 cars from the road each year.

"This project demonstrates that public institutions and private companies can partner to supply innovative clean-energy technologies on a large scale," said ORNL Site Office Manager Johnny Moore. "The biomass plant will also provide an opportunity for researchers to gather important data from a large-scale biomass process."

"Johnson Controls and Nexterra combined expertise and leading technology to create a winning solution for ORNL," said Iain Campbell, Vice President and General Manager, Johnson Controls. "The results of this teamwork will have a positive impact on the campus, the local community and the environment."

"We are very proud to have been part of this project," said Mike Scott, President and CEO of Nexterra. "It is another great demonstration that our energy-from-renewable-waste systems are of the highest quality and can meet the most demanding customer requirements while delivering world-class emissions performance. Our systems now have over 100,000 hours of operation in a range of institutional and industrial settings."

The Johnson Controls contract for ORNL was among the first awarded under the Department of Energy's Transformational Energy Action Management (TEAM) Initiative. TEAM aims to reduce energy waste and greenhouse gases at DOE facilities nationwide by 30 per cent and have those facilities acquire at least 7.5 per cent of all energy from renewable sources by 2015.

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For further information or media resources, please contact:

Nexterra Systems Corp.
Raymond McAllister
Communications and Media Relations
(604) 637-2501 Ext. 172
Email: rmcallister@nexterra.ca

See Nexterra, ORNL and JCI Profiles below.

About Nexterra Systems Corp. – Nexterra is a leading provider of plant-scale, energy-from-renewable-waste systems that generate energy and fuels for a range of customers, including District Energy providers, Industrial process plant operators and Independent Power Producers. Nexterra systems integrate seamlessly with customer operations, providing both environmental and operational advantages, including high reliability and class-leading emissions performance. Nexterra has successfully supplied commercial gasification systems for projects at the US Department of Energy, Dockside Green, Kruger Products, the University of Northern BC and Tolko Industries.
More information is available at: www.nexterra.ca

About Oak Ridge National Laboratory (ORNL)
ORNL is a multi-program science and technology laboratory managed for the U.S. Department of Energy by UT-Battelle, LLC. Scientists and engineers at ORNL conduct basic and applied research and development to create scientific knowledge and technological solutions that strengthen the nation's leadership in key areas of science; increase the availability of clean, abundant energy; restore and protect the environment; and contribute to national security. With 4,200 staff, 3,000 guest researchers, 20 user facilities, and a budget of approximately $1.2 billion, ORNL supports the Department of Energy's mission through six major scientific competencies in energy, neutron science, high-performance computing, complex biological systems, materials research, and national security.
More information is available at: www.ornl.gov

About Johnson Controls, Inc.
Johnson Controls (NYSE: JCI) is the global leader that brings ingenuity to the places where people live, work and travel. By integrating technologies, products and services, we create smart environments that redefine the relationships between people and their surroundings. Our team of 140,000 employees creates a more comfortable, safe and sustainable world through our products and services for more than 200 million vehicles, 12 million homes and one million commercial buildings. Our commitment to sustainability drives our environmental stewardship, good corporate citizenship in our workplaces and communities, and the products and services we provide to customers.
For additional information, please visit: www.johnsoncontrols.com