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GLWN to Lead National Hydrogen and Fuel Cell Manufacturing Development Project

Cleveland, Ohio, Wednesday, December 22, 2014 – WIRE-Net’s GLWN (Global Wind Network) was informed today by the U.S. Department of Energy that it has been selected to lead a competitiveness analysis to boost the U.S. manufacturing of hydrogen and fuel cells.

The team is expected to begin work on the project in January. GLWN has partnered with Strategic Analysis Inc, DJW Technologies, E4tech, and EON Consultants to complete a detailed analysis of fuel cell systems (automotive and stationary), high pressure hydrogen storage systems, and key high value hydrogen and fuel cell subsystems and components. The analysis will span systems and components manufactured in the U.S., Europe, and Asia to determine the global cost leaders, best current manufacturing processes, key factors determining competitiveness, and potential means of cost reduction among U.S. producers. The goal of the project is to define the key drivers of U.S. competitiveness and to prioritize strategic investments to strengthen American competitiveness in domestic and global markets of hydrogen and fuel cell components and systems.

“The GLWN team has worked with the U.S. Department of Energy since 2010 and recently completed a study, “U.S. Wind Energy Manufacturing and Supply Chain: a Competitiveness Analysis”, to build a competitive supply chain for offshore wind. This award will allow us to apply the same competitiveness analysis to the hydrogen and fuel cells industries,” stated Patrick Fullenkamp, Principal Investigator.

Manufacturers and suppliers will benefit through the development of a robust supply chain to support mass production of hydrogen and fuel cell systems which will enable U.S. manufacturers to compete and grow. Findings from this study will provide key information needed to target investment and support infrastructure growth.

About GLWN and WIRE-Net:

GLWN Launched in 2007 as the Great Lakes WIND Network as an initiative of WIRE-Net, GLWN is a non-profit international wind energy advisory group and supply chain network whose mission is to increase the domestic content of North America's wind turbines and to localize new business opportunities in the industry. For more information, visit www.glwn.org.

WIRE-Net is a membership-based, non-profit economic development organization that provides services to manufacturing leaders to strengthen their businesses, create healthy communities and fuel economic growth. For information, visit www.wire-net.org

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