

Indeck Energy, Co-Firing With Wood Pellets: A Green, Renewable Energy Solution

BUFFALO GROVE, IL – (April 22, 2010) – Indeck Energy Services, Inc., a privately held developer, owner and operator of renewable and conventional energy projects, is exploring co-firing of coal and wood pellets as a green, renewable energy solution. The University of Wisconsin, Eau Claire campus was the testing site for a one month study on the efficiency of co-firing.

Indeck Energy produces Premium grade wood pellet fuel for industrial and residential use at the Indeck Ladysmith BioFuel Center in Ladysmith, Wis. Industrial grade wood pellet fuel burns at up to 8,250 BTUs and has an ash content of less than 3 percent as compared to the 8 percent ash content of coal.

In the test, the Eau Claire campus power plant replaced 15 percent of its coal with Indeck Energy Wood Pellets and saw no reduction in the efficiency of the plant. By reducing the quantity of coal used, the co-firing test also reduced greenhouse gas emissions of carbon dioxide, sulfur dioxide and nitrogen oxide at the plant by 15 percent.

"Wood pellets burn more efficiently than other alternative fuels," said Mike Curci, Indeck Ladysmith BioFuel Center plant superintendent. "We can substitute wood pellets in place of coal because of their high BTU and low ash content. Other alternatives, like whole tree chips, just don't burn efficiently due to their inconsistent moisture content."

Site surveys have been conducted at the power plants located on the University of Wisconsin La Crosse, Superior, River Falls, Stevens Point and Stout campuses in order to determine each location's ability to co-fire wood pellets with coal without a need to change the facility's existing infrastructure.

Indeck Energy plans further testing and implementation of its co-firing model with several Midwest utilities in the late spring and summer of 2010.

Visit www.indeckpellets.com or www.indeckpellets.com/newsCoFiring.php for additional information.

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The Indeck Ladysmith BioFuel Center is owned by Indeck Ladysmith, LLC, a subsidiary of Indeck Energy Services, Inc. Indeck Energy Services is a privately held developer, owner and operator of renewable and conventional energy projects. As one of the few remaining privately held independent energy producers, it has grown into a full-service energy company that offers biofuels production and electrical generation facilities. The company was established in 1985 and is headquartered in Buffalo Grove, IL.