



NEWS RELEASE



CLEANTECH BIOFUELS, INC. BIOMASS RECOVERY PROCESS SELECTED FOR PROPOSED WASTE TO ENERGY DEVELOPMENT

St. Louis, MO.— December 16, 2009 — The Biomass Recovery Process used by **CleanTech Biofuels, Inc. (Other OTC: CLTH.OB)**, an early stage provider of technology to clean and separate cellulosic biomass from municipal solid waste for energy production, has been selected by the County Commission and Public Works Authority of Pawnee County, Oklahoma for implementation at a proposed recycling and biomass recovery facility to be constructed in Pawnee County.

The Pawnee County Commission and the Pawnee Public Works Authority have both adopted resolutions to pursue the possibility of bringing the Biomass Recovery Process to an existing quarry site in the County. The proposed facility will sit on 40,000 square feet of enclosed space and initially process up to 600 tons of municipal waste per day. This facility will be unique, reducing landfill consumption by 85 percent, producing renewable energy, being profitable, completely enclosed like other manufacturing facilities, and generating its own energy to operate, according to Dale Vance, the Pawnee County Commissioner who is leading the effort to implement a comprehensive recycling and recovery program.

At a recent special meeting of the Pawnee Board of County Commissioners, Vance explained that he had spoken to lawmakers about the possibility of receiving funding for the facility. According to Vance, U.S. Senator Jim Inhofe, U.S. Congressman Frank Lucas, State Representative Rex Duncan, and Oklahoma Secretary of State Susan Savage are all in favor of the project.

The Pawnee Public Works Authority has engaged engineering consultant Craig Treiber to begin the project's engineering and technology evaluation. Treiber is working with CleanTech Biofuels to design the initial system for the facility and determine its ultimate cost. Treiber also will work on obtaining grants and permits as well as all other aspects of getting the project off the ground.

CleanTech CEO Edward Hennessey said, "Our Biomass Recovery Process will enable the County to create a biomass recovery and recycling infrastructure that can be used to provide feedstock for energy production for a number of existing and developing alternative energy technologies. With high traditional fuel prices, decreasing land availability and increasing political support for domestically produced energy, our Biomass Recovery Process offers a compelling solution. We can reduce landfill disposal by 80-90% and the biomass we recover from municipal waste can be used to produce renewable energy.

“In a market where energy demand continues to grow and the cost of handling waste continues to increase, we are excited that Pawnee County is proactively seeking to address these issues in economically and environmentally responsible ways. We look forward to working with Craig Treiber to design and implement our Biomass Recovery Process in Pawnee County.”

About CleanTech Biofuels

CleanTech Biofuels, Inc. is an early-stage company offering cities and landfill operators its technology to convert municipal solid waste into energy products. By using the existing infrastructure for municipal solid waste collection and disposal to collect biomass at low or possibly negative feedstock cost, the company expects to achieve profitability quickly. Additionally, this gives CleanTech economic advantages over other alternative energy producers, who must spend time and money developing infrastructure to collect and transport their already more expensive feedstocks before commercializing their technologies.

Safe Harbor

This new release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. The risks and uncertainties that may affect the operations, performance development, and results of the Company's business include but are not limited to fluctuations in financial results, availability and customer acceptance of our products and services, the impact of competitive products, services and pricing, general market trends and conditions, and other risks detailed in the Company's SEC reports.

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