



Press Release

“Enhanced Coal Based Fuel Technology Tested By CAER at EKCC in West Liberty, KY”

For immediate release: Orlando, FL, May 14, 2009 - KeLa Energy, LLC participated in a test burn of new cleaner burning, enhanced coal based fuels made from coal fines, renewable biomass, and recycled binders. The goal of this test burn was to prove reductions of air pollution from coal fired boilers can be achieved by burning biomass blended with coal in a pelletized form. This research project was managed by the University of Kentucky, Center for Applied Energy Research to demonstrate that blending biomass not only extends the fossil resources but also reduces emissions of pollutants. According to Dr. Darrell Taulbee of the UK CAER, “Co-firing one mid-sized coal fired power plant with 3% biomass has the equivalent CO₂ reduction impact of 41000 large (1 kw) solar panels or taking 17,000 automobiles off the road and if six (6) such power plants were converted to 3% biomass, then the production of renewable energy would exceed that of all the solar power resources in the USA.”

The patent pending technology developed by KeLa Energy produced a cleaner burning fuel from coal fines and renewable biomass using a binder based on recycled carpet and other recycled plastics. The resulting fuel pellet has a heating value equal to or greater than coal (typically 15% higher). Results in the CAER test proved 39% reduction in Sulfur Oxides and 42% reduction of Nitrous Oxides using the KeLa fuel. The University of Kentucky, Center for Applied Energy Research managed the test burn during December of 2008 at the EKCC facility in West Liberty, KY and published the findings in a formal independent research report on April 15th, 2009. The testing compared the emissions of stoker coal (control burn), other coal-biomass fuel pellets, and KeLa Engineered Fuel. The results proved that Biomass with Coal will reduce emissions. The KeLa fuel used 10% biomass blended with coal.

KeLa Energy is currently developing production plant projects in both Kentucky and other coal mining states. The target coal for these projects is coal fines material that was destined for disposal or blending into lower grade coal products. The KeLa process turns these low-grade coal fines into high grade fuel pellets that are better than the coal used to make them. The binders used in the KeLa Process are recycled and/or recovered post-consumer/post-industrial materials. The KeLa technology is available for license to coal producers or other qualified project owners. Additional information on KeLa Energy, LLC can be found at: www.kelaenergy.com or by contacting the company at:

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