



## Press Release

### "Innovative Coal/Renewable/Waste Pellet Reduces Air Emissions"

For immediate release: Orlando, FL, September 1, 2009 – The addition of high levels of biomass to an innovative waste coal pellet will allow fuel users to increase reliance on renewable energy while reducing hazardous air emissions, according to KeLa Energy, LLC. KeLa has developed and produced an enhanced coal based fuel containing up to 50% biomass by weight. The goal of this effort was to determine if high levels of biomass could be successfully integrated into a KeLa Engineered Fuel pellet. Earlier work by KeLa produced a pellet with up to 15% biomass by weight.

The patented technology developed by KeLa Energy produced a cleaner burning fuel pellet from waste 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). The KeLa Engineered Fuel pellet can be transported and handled like coal and be used as a blend stock with existing coal or as a stand-alone fuel. Earlier testing of KeLa Engineered Fuel pellets having 10% biomass showed 39% reduction in Sulfur Oxides and 42% reduction of Nitrous Oxides.

Research by the University of Kentucky, Center for Applied Energy Research is being used 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 CO<sub>2</sub> 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 biomass used in the KeLa process can be sourced from timber waste, mill waste, agricultural waste, and urban waste. Both kiln dried and green biomass materials are acceptable.

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](http://www.kelaenergy.com) or by contacting the company at:

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