Change in Target

Grams per Liter
- - to - -
Ounces per Square Yard
- - to - -
Tons per Hour
KeLa Energy’s licensed technology provides the coal industry with a profitable, environmentally sound fuel by converting coal waste to a high-yield, cost-effective and marketable product.
US Coal

- Our most abundant fossil energy resource
- Mined in 27 States

- Provides over 50% of US electrical power
US Coal Waste

- 5% to 30% of mined coal is disposed of as waste fines
KeLa Engineered Fuel

A coal derived fuel made up of coal fines, recycled binding materials, and renewable biomass.
KeLa Engineered Fuel

Utilizes a readily available stream of recovered, recycled, and renewable waste materials*

- Recovered Coal Fines
- Recycled Carpet
- Recycled Plastic
- Renewable Biomass

*Up to 35% Renewable/Recycled Content
KeLa Engineered Fuel - Compared to Coal

• Lower SOx, NOx, CO2 emissions
• Lower VOC’s and HAP’s
• Higher heating value
• More complete combustion
• Handled and stored like coal

Engineered to meet the needs of the customer
Target Markets

KeLa Process

- Stoker Fuel
- MET Coal
- Steam Fuel
Stoker Fuel

- “Chunk” fuel used in industrial boilers
- Low emissions
- Fuel switching to control emissions
- Biomass option
Metallurgical (MET) Coal

- A source of high grade carbon
- Used to make silicon and ferro-silicon products
- Highest price point of all coals
Steam Fuel

- Used to generate electricity
- Lowest price/Highest volume
- Fuel ground to powder for use
- Biomass option
KeLa Plant One

- Licensed facility
- 172,000 TPY or 20 TPH
- Stoker Fuel/MET Fuel
- Eastern KY

Start-Up Mid - 2010
Carpet Consumption

- 9,240 TPY
- 18,480,000 PPY
- 2,200 PPH

4.6 Million Square Yards of Carpet
Scanning Electron Microscope

Coal

KeLa Engineered Fuel