



Veritek Coal Processing LLC (VCP) is positioning itself to become one of the most important companies within the coal industry by developing technology and processes for cleaner burning coal. VCP's methods (Technology and Processes) can extract Pre-Combustion, Mercury, Sulfur, Heavy Metals, and other coal impurities with:

- No water
- No chemicals
- No emissions
- Low Energy
- Lower costs
- Less time

A Truly Green Technology

The technology employs a revolutionary breakthrough in the application of physics and its potential for managing molecular structures. VCP's technology takes advantage of the physical molecular structures and behavior of atoms through the application of low energy electromagnetic fields to cause the atoms within a molecule to separate. We have verified through independent third parties the successful extraction of mercury and heavy metals from coal.



The demand for coal today is enormous. Coal is the most abundant fuel source in the world. The US alone has a projected 300 years of coal reserves which are easily accessible.

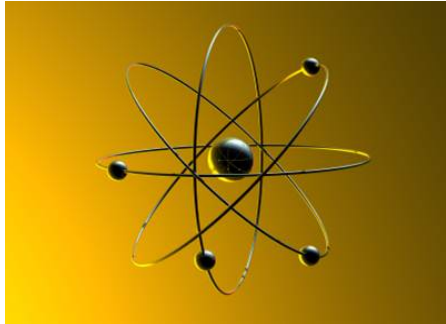
- Currently there are 1,500 coal burning power plants in the US; 7,000 worldwide.
- The world consumes over 6 billion tons of coal annually
- Coal provides 40% of global power
- The world is too reliant on coal to eliminate it as a power source.
- Burning unprocessed coal releases dangerous contaminants into the environment

The problem with using coal as a fuel is the pollutants that get released into the environment. Today's more stringent (and ever increasing) government regulations make emissions control vital. Veritek Coal Processing will help:

- Meet current and future emissions regulations for mercury and SO₂
- Avoid contamination in flyash
- Reduce corrosion mitigation costs
- Allow power producers to be more environmentally responsible



In addition to meeting regulations, an ever-increasing number of companies are recognizing the reputational risks and opportunities that corporate responsibility brings. Aligning corporate behavior with stakeholder expectations is an ongoing and ever important business priority



Our separation technology is different from all of the other approaches to materials extraction and separation from coal. Rather than expending large volumes of energy in exposing coal to heat or in a bath of water and toxic chemicals in order to force separation of targeted materials from coal, we are using a new technology that takes advantage of the physical molecular structures and behavior of atoms with specific electrical stimuli.

Through application of low energy electromagnetic fields, we can cause any atoms within a molecule to separate in a manner similar to turning off an electromagnet – they simply fall apart.

Using our prototype Separator unit, designed to scale in size and throughput, we have consistently and repeatedly demonstrated molecular separation. Crushed coal is dropped through the proprietary electromagnetic field in a gravity feed. Upon entering the field, the atoms separate. We have proven that our technology is successful with molecular disassembly with very little power (less than 150 watts for 1 Liter per hour).

After leaving the electromagnetic field, the atoms bond again into new molecular structures, aggregating in groups of common elements. The, Mercury, Sulfur, Heavy Metals, and other coal impurities are grouped together and separated. We can achieve an outcome that is superior to a variety of coal processing technologies:

- Accomplished instantly in a single step without the time, expense and environmental liability
- Performed at a small fraction of the cost of current practices
- Effective where other approaches fail

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Veritek Coal Processing is currently entertaining inquiries for Joint Development Partners and Investors. For further information on Veritek Coal Processing, please call:

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