

WASTE TO ENERGY

- *Energy generation depends on the calorific value of the waste*
- *Not all type of waste can generate electricity*
- *Energy generation is not consistent and less efficient.*
- *Minimum 500 MT OF MSW is needed*
- *Segregating the waste in terms of higher calorific value is a challenge.*
- *Additional fuel or electricity is necessary to run the plant*
- *Adopts Combustion Technique for decomposition*
- *Operated at very High temperature*
- *Fuel is required to run the system*
- *Non self sustaining system.*
- *Operates with flame and fire combustion.*
- *Output varies based on type of waste and weather*
- *Space required for the plant is enormous*

LaTiarra ENERGY

- Energy generation doesn't depend on the calorific value of the waste.*
- Any type of waste can generate electricity.*
- Energy generation is consistent and very efficient.*
- Energy can be generated with any volume.*
- Segregation is not required.*
- Additional fuel is not required*
- Adopts advanced plasma heat decomposition method*
- Operates at low temperature*
- No fuel is required to run the system.*
- Self sustaining system - No looping*
- Operates without flame and fire combustion.*
- Zero variability on any type of waste and weather.*
- Space required is minimal.*

- *Due to the low calorific value the results are not constant and uncertain .*
- *Maintenance of the plant are extensively High.*
- *The operational cost are very high*
- *Requires supporting operations, staffing machineries.*
- *More wear and tear.*
- *Causes more dioxins and furans.*
- *Emissions from plant include heavy metals dioxins and furans.*
- *Lack of short term returns due to uncertain returns.*
- *The plants are high capital intensive and lacks definite returns.*
- *Odour, Noise, cost and maintenance involved*

The results are constant and feasible.

Maintenance of the plant are relatively low

Operational cost are low

Doesn't require supporting operations, staffing and machineries.

Minimal wear and tear.

All the dioxins and furans are killed within the system and hence emission free.

Zero Emission.

Relatively short term results are possible due to definite results.

The plants are relatively low capital and has definite returns.

Odour free, Noise free and maintenance free

