BIOFERM™ ENERGY SYSTEMS

VIESMANN Group

BIOFerm™ Campus Solution

Energy production, prices and procurement are global priorities; educational institutions are the vanguards of environmental sustainability and the fight against global warming. BIOFerm™ Energy Systems can supply your campus with an energy solution that delivers:

- **Carbon neutral, on-demand** production of heat, electricity and fuel
- Significant, long-term energy cost savings
- Carbon credit options from the reduction of greenhouse gases
- Innovative, integrated and hands-on green curriculum development possibilities
- A technology that does not compete with food production
- Major reduction in organic waste volume

Benefits

Reduce Carbon Footprint

- Methane, a greenhouse gas more harmful than carbon dioxide, is converted into energy instead of being released into the atmosphere
- Dependence on fossil fuels for energy production is diminished

Institute Green Curriculum

- Create interdisciplinary curriculum based on renewable energy production and application
- Provide opportunity for students and faculty to participate in advancing research with global partners

Move Towards Zero Waste

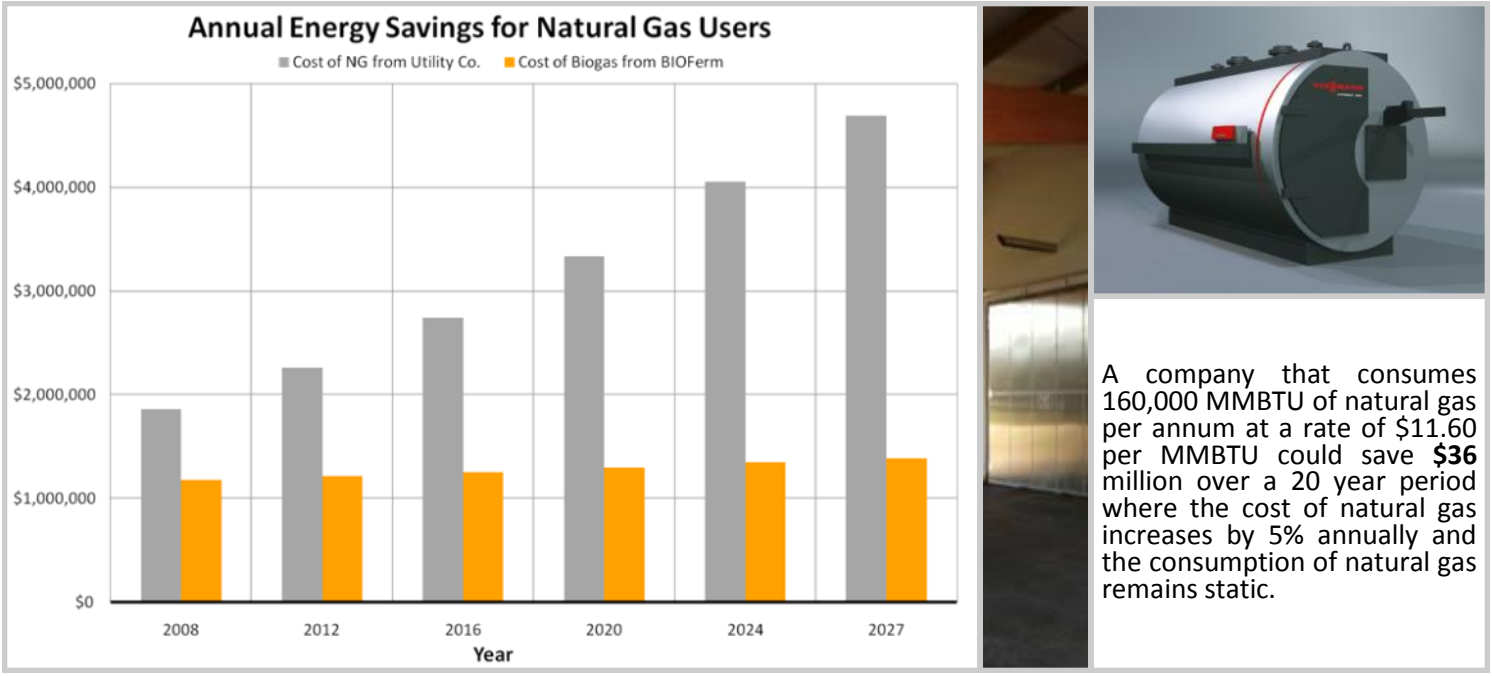
- Provide model for zero waste practices
- 40 % reduction in organic waste volume
- Remaining biomass processed into high quality compost for agricultural and landscaping applications



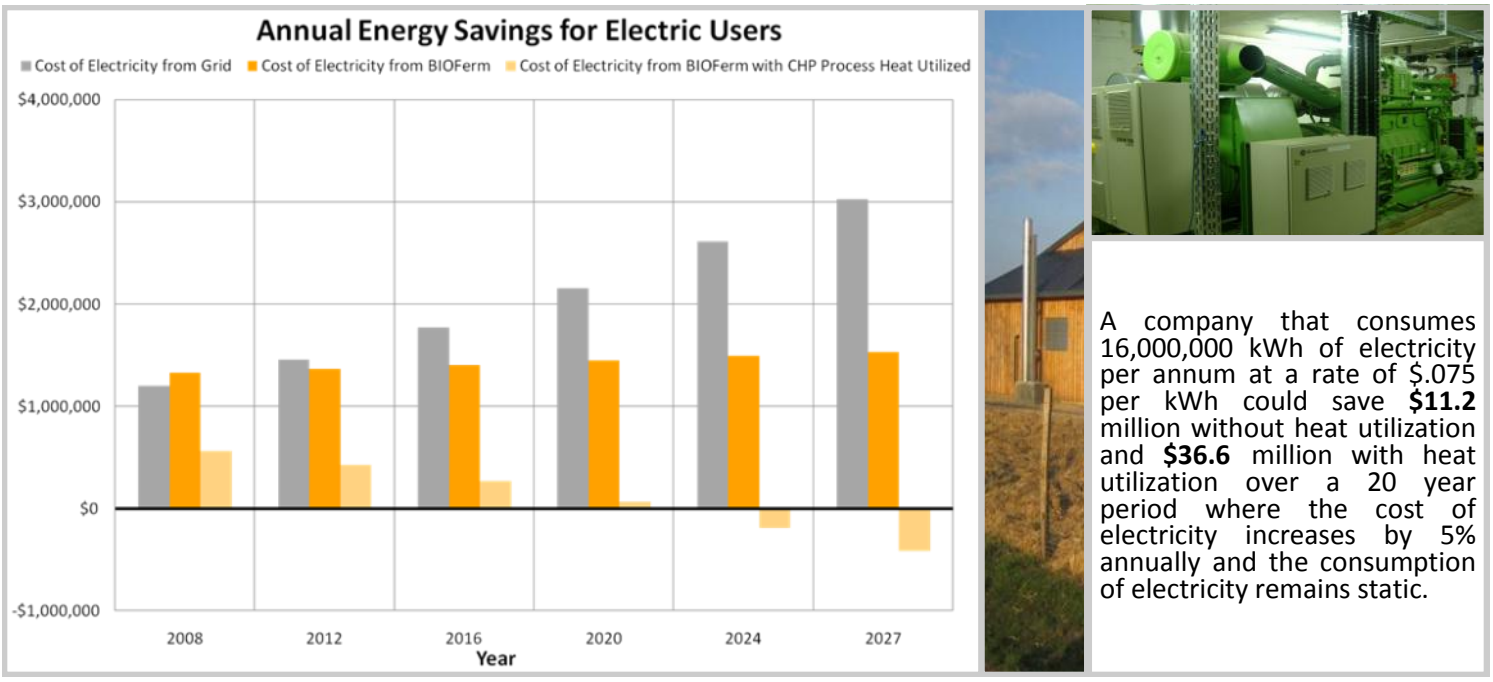


BIOFerm™ Value

BIOFerm™ is partnering with educational institutions to implement renewable energy solutions that eliminate their dependence on fossil fuel based energy. Our carbon neutral technology can produce heat, electricity and fuel with significant cost savings. BIOFerm™ industrial grade waste to energy solutions are customized and scaled to meet specific customer needs.



A company that consumes 160,000 MMBTU of natural gas per annum at a rate of $11.60 per MMBTU could save **$36** million over a 20 year period where the cost of natural gas increases by 5% annually and the consumption of natural gas remains static.



A company that consumes 16,000,000 kWh of electricity per annum at a rate of $.075 per kWh could save **$11.2** million without heat utilization and **$36.6** million with heat utilization over a 20 year period where the cost of electricity increases by 5% annually and the consumption of electricity remains static.

Note: BIOFerm™ cost curves represent the acquisition and operation of a 24-chamber plant

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