

## Green Mountain College



In an effort to reduce the college's consumption of # 6 fuel oil and improve the college's energy sustainability and use a locally source renewable energy source, Green MT College installed a state of the art biomass gasification system.

The system which now generates 85% of the school's annual heating needs replaced number six fuel oil with locally harvested woodchips to provide heat in cold months. The biomass plant and a host of other initiatives have resulted in a 41% reduction in greenhouse gasses across campus since 2007

Green Mountain College has not only been able to diminish their carbon footprint and foster long-term sustainability but also significantly reduce and fix annual energy operating costs.

Green Mountain College has been recognized as a national sustainability leader in the 2015 Sustainable Campus Index released yesterday by the Association for the Advancement of Sustainability in Higher Education (AASHE). [Source: Green Mountain College]

Both our VP of Engineering, Brad Noviski, and our VP of Innovation, John Tomasi, were involved in these projects which highlight the expertise and experience they bring to Biotech Energy."

### Plant facts

- Model Type BTC-20
- Plant went online in Spring 2010
- Boiler output: 400hp (13.4MMBTU/hr.)
- Consumes between 4,000 - 5,000 tons of locally sourced woodchips annually, thereby shifting 85 percent of current fuel oil usage to biomass.
- 85% reduction in in #6 fuel oil annually (190,000 gallons)
- CO2 reduction: 2,844 plus metric tons per year.
- 41% reduction in carbon foot print



The work performed at Green MT College highlights some of Biotech Energy capabilities. Call us at **1-800-340-1387** or visit us at [www.Biotech-energy.com](http://www.Biotech-energy.com).