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Biomass Energy Company Formed in the Carolinas to Provide Solutions for Farms, Food Processors and Electric Utilities

SUMTER, S.C. - BioEnergy Technologies, LLC has announced its formation as a full-service provider of renewable biomass energy. The company, headquartered in Sumter, S.C. with a regional office in Raleigh, N.C., will design, build, own and operate de-centralized facilities on-site at farm and food processing locations.

BioEnergy Technologies is one of the first South Carolina-based biomass energy companies to use both high and low energy-density residues from farms and food processing operations. The company is currently in discussion with a number of South Carolina and North Carolina-based food processors, farmers and utilities and expects to make an announcement about its first facility in the coming months.

“Energy derived from renewable resources is the way of the future,” said Greg A. Thompson, president and CEO of BioEnergy Technologies. “This innovative technology is changing what the agriculture and food processing industries have historically considered ‘waste’ into a viable, business-smart by-product that can help meet our electricity and thermal energy needs.”

Anaerobic digestion technology is used to convert agricultural and food industry “waste” to methane. The methane is then used to produce electrical power that can be fed into the electricity distribution grid. The heat generated by the electricity generation equipment can be readily recovered and used to provide hot water, steam or through the use of absorption chilling, cold water to the host facility.

BioEnergy Technologies will build and operate facilities on either farms that generate large volumes of bio waste or food processing operations that provide high energy-density waste (fats, oils and grease, etc.) By providing feedstock from the farm as well as the high energy-density waste from the food processing plants to the system, the high cost of transport and disposal can be eliminated or greatly reduced. Along with savings in transport and disposal, the system also creates a new, low-cost source of chilled water, hot water and steam for production needs.

“With all of the alternative energy proposals out there, we believe that biomass is a sustainable product that closes the loop and sets us apart,” Thompson said.

Converting farm waste to clean energy has been a mainstay of European farming for years, but not until the recent U.S. energy crisis did many businesses explore bringing the technology to this country. BioEnergy Technologies is partnering with Austrian-based AAT, which has used this technology effectively in Europe for 26 years with more than 120 facilities in operation, as well as ECOregon, which pioneered the first biogas facility in North America. They will provide technical assistance and feasibility studies.

A typical facility, once operational, can have an output of one megawatt of electricity generating capacity, enough to power approximately 1,000 homes in the Carolinas. “With minimal environmental impact and a very small carbon footprint, the system represents a reliable, renewable energy source that is sustainable, clean and green,” Thompson said.

The company announced its management team, which includes:

Greg A. Thompson	President and CEO
Joseph A. Graham, PS	Program Management
Andrew C. Snodgrass	Business Management/IT Solutions
John J. Halbig, PE	Business Development
C. Curtis Hutto, CPA	Controller
Dean C. Foor, PE	Process Technology
Raymond Scherzer, PE	Strategic Development
Governor James H. Hodges	Business Consultant

According to the South Carolina Biomass Council, biomass is defined as any natural and renewable fuel source in a solid state. Solid fuel is most commonly used to generate electricity by burning biomass to create process steam.

The majority of solid biomass fuel used in South Carolina is wood, but other forms of solid fuels include waste tires, municipal solid waste, agricultural residues, construction debris and now residues from farm and food processing operations.

The U.S. Department of Energy reports that in 2008, renewable sources of energy accounted for about 7.3 percent of total U.S. energy consumption and 9 percent of electricity generation.

About BioEnergy Technologies

BioEnergy Technologies is a full-service renewable biomass energy provider. The company uses innovative technology and a revolutionary approach to convert 'waste' into a viable, business-smart by-product. By designing, building and operating de-centralized facilities on-site at farm and processing locations where methane (biogas) from agricultural waste is used to generate clean, green electrical power, the company can also provide a source of chilled water, hot water or steam to the host facility.

For more information, visit www.bioenergyglobal.com.

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BIOMASS INFORMATION *(Source: U.S. Department of Energy)*

Bioenergy is renewable energy made from any organic material from plants or animals. Sources of bioenergy are called "biomass," and include agricultural and forestry residues, municipal solid wastes, industrial wastes, and terrestrial and aquatic crops grown solely for energy purposes. Biomass is an attractive petroleum alternative because it is a renewable resource that is more evenly distributed over the Earth's surface than finite energy sources, and may be exploited using more environmentally friendly technologies. Today, biomass resources are used to generate electricity and power, and to produce liquid transportation fuels, such as ethanol and biodiesel.