

## IMPACT BIOENERGY ANNOUNCES A NEW PORTABLE FOODWASTE DIGESTER FOR ON-SITE BIOENERGY GENERATION

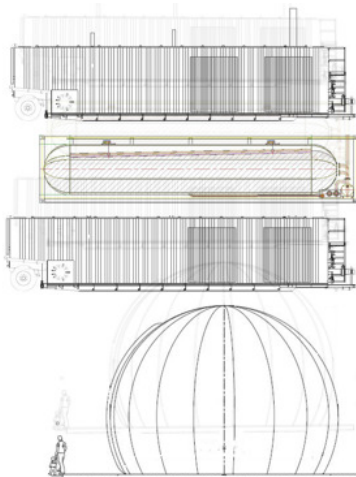
*Seattle, WA – June 23, 2014* – Seattle-based Impact Bioenergy has expanded the unique model 185 digester design that enables facility operators to generate energy from their own food scraps and paper products. The company has taken the model AD185, which eliminates the need to transport waste by processing it on-site, and expanded it to include the AD185-2. This larger unit has five times the daily capacity (5,000 lbs/day vs. 1,000 lbs/day) in comparison to the AD185. The technology uses anaerobic digestion to generate biogas (renewable natural gas). Nutrient-rich organic matter is the ultimate end-product, after the biogas has been extracted. The AD185 (111,000 BTU/hr output) requires 450 square feet of ground space and the AD185-2 (555,000 BTU/hr output) requires 900 square feet. Energy storage systems (320 square feet for AD185 and 1,200 square feet for AD185-2) can be added for peak demand cycling. The equipment fits well in an urban setting with features like gas lighting to visually engage passers-by with a compelling illustration of the energy value of food scraps. The system is pre-fabricated and can be installed in a single day with simple connections to building wiring, water, and sewage systems.

The novel and unique aspects of the design include a skid-mounted food waste recycling and preparation system, digester, and power production unit. It is a completely portable bioenergy plant that can be configured for electrical output or biogas supply to an existing furnace or boiler. Electrical output on a base-load 24-7 basis starts at 11.7 kW, with peak output at 35.1 kW. Odor is captured and treated with state-of-the-art odor control technology including biofiltration, carbon filtration, and atomizing in a fully enclosed system.



Impact Bioenergy has offices in British Columbia, Washington, and Oregon selling localized bioenergy technology, representing a paradigm shift in both waste management and renewable energy production. Impact's systems eliminate the costs and environmental impacts associated with the disposal and hauling of organic (carbon-based) wastes to distant facilities by converting them into heat, electricity, vehicle fuel, and soil amendments on-site at their point of generation.

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For more information on Impact Bioenergy's products and services:

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