

Microturbine Technology for Utilization
of Biogas to Create Sustainable Energy



Jeffrey Beiter, **E-Finity Corporation**, Case Studies in MicroTurbine Technology



Jeffery Beiter help found E-Finity Corporation in 1990 in order to implement energy conservation measures throughout Pennsylvania. Jeff was the director of business development for the company's Energy Star® and Energy Efficient Products Group where he was responsible for all sales and marketing of the division. Jeff represents On-Site Combined Heat and Power with Capstone Turbine Corporation, which utilizes microturbines to create a sustainable energy resource.



This technology utilizes biogas to promote low-emission, highly efficient onsite combined heat and power with an air-lubricated and air-cooled "jet engine". Biogas is a naturally occurring byproduct of the treatment processes at wastewater treatment plants and landfills, which is typically burnt off. Conversely, this gas can be turned into a resource and used to create an alternate source of power and heat and reduce the demand on the electrical service as well as reduce emissions into the air. This technology is innovative and beginning to receive a lot of interest. In fact, the EPA Combined Heat and Power have recognized one of Jeff's most recent turbine projects as a National Partner Spotlight.



Date & Time:
January 19, 2009
5:30 PM Social [cash bar]
6:30 PM Dinner
7:00 PM Presentation

Cost:
\$35 ASCE members
\$50 Non-members
\$10 Students

No Shows will be billed

Dinner Choices:
Tournadoes of Filet Mignon
Blackened Sea Bass
Chicken Rubini
Vegetarian Meal

Location:
Engineer's Society of
Western Pennsylvania
337 Fourth Ave.
Pittsburgh, PA 15222
Contact:
Bob Dengler
412-922-5575 x 378
rdengler@GFNET.com

Dinner includes fresh garden
salad, rolls, vegetable, potato,
dessert, and beverage.
RSVP by January 11th.