

Fundamentals of Cogeneration Systems: Equipment and Financing

Session C5

TUESDAY MAY 19, 2009

2:30PM – 3:30PM

Presented By:

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Presentation Abstract

While available since the time of Thomas Edison, cogeneration systems became popular during the 1970's due to the energy crisis of that period. With energy prices near all time highs, cogeneration systems are widely accepted as a tool for facilities to lower energy costs.

Cogeneration systems produce lower cost electricity, heat and hot water. They are installed and operate in individual facilities.

Traditionally, cogeneration systems were acquired through a cash purchase. Today, however, there are a number of purchase, ownership and financial options. These options allow facilities to both maximize savings and better match their own financial and cash flow requirements.

The seminar will summarize the basics on how cogeneration systems work and then highlight the most popular financing methods for the systems. The discussion will include both the strengths and weaknesses plus present a detailed financial analysis.

Learning Objectives:

- a. Learn about a growing trend in facilities that lowers energy cost through cogeneration systems.
- b. Discover what cogeneration systems are and how they reduce facility operating cost.
- c. Identify the advantages and disadvantages of different financing options for cogeneration systems.

Speaker Biography

Barry J. Sanders is the President & COO of American DG Energy Inc. Prior to American DG Energy, he served as Executive Vice President of MicroLogic Inc., where he directed the company's information business. He was previously the Marketing Manager at Andover Controls Corporation and Tecogen Inc. While at the New York State Energy Research & Development Authority (NYSERDA), he managed R&D projects with a focus on economic development and commercializing new technology. He received a BS degree in chemical engineering from the University of Rochester and an MBA in marketing and emerging business from Rensselaer Polytechnic Institute.