

## NJ CHAPTER NEWS .....

**ASHRAE SYMPOSIUM AWARD****Mr. Tom Davidson, P.E.**

DENVER—The American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) presented Tom Davidson, P.E., with an ASHRAE Symposium Paper Award at the Society's Annual Meeting held in Denver from June 25th through 29th.

The award recognizes the authors of the best papers presented at Society meeting during 2004. He received the award for the paper, "*Evolution of Data Center Environmental Guidelines*".

Davidson is a senior mechanical engineer, DLB Associates, Ocean, New Jersey.

Recent trends toward increase equipment power density in data center can result in significant thermal stress, with undesirable side effects of decrease equipment availability, wasted floor space and inefficient cooling system operation. In response to these concerns, manufacturers identified the need to provide standardization across the industry.

In 2002, ASHRAE created a technical committee to help bridge the gap between equipment manufactures and facility designers and owners. The paper discusses the first publication of that committee and addresses issues that will define the roadmap for future ASHRAE activities in this field.

## SEMINARS .....

**REFRIGERATION SEMINAR****September 1, 2005**

Held at the Jersey Central Power and Light's Lincroft N.J. offices, the seminar was well-attended by engineers, facility personnel and contractors. The seminar was presented by ASHRAE distinguished lecturer Mr. Julian deBuliet, McQuay International. Seminar topics provided an abundance of information related to the following topics;

- HVAC basic design principles.
- Chilled water System basics
- Optimal Air Systems, utilizing lower than traditional supply air temperatures
- Variable flow primary chilled water systems
- Application of condenser heat recovery on chiller plants.
- Chilled water plant optimization.
- Refrigerants update