



THE *EDGE* MONTHLY

Akron/Canton ASHRAE—Your Source For Knowledge .

ASHRAE
www.akroncantonashrae.org

Volume III, Issue 2
November 5, 2007

MEETING: "Alternative Energy Sources" - Nov.13th at the 356th Fighter Group.

Alt. Energy: "How To Get To A Zero Energy Building"

Alan Frasz and Mark Cironi will provide cost and payback information for solar and wind systems. They will provide typical prices for residential and commercial installations.

They will cover available grants, tax credits and other incentives. Then present the payback analysis for several installed customer systems. The presentation will also in-

clude projections for future electricity rates, system financing options, and other tangible benefits provided by renewable energy systems.

November Speaker: Alan R. Frasz

Alan R. Frasz is Vice President and a principal owner of Dovetail Solar & Wind. Dovetail is one of Ohio's oldest and largest renewable energy system installers. In addition to managing Dovetail's Northern Ohio office, he leads corporate sales, marketing, and planning. He joined the firm in January 2006 after spending 28 years in the information technology industry. He brings a wealth of business & management experience. Prior to Dove-

tail, Mr. Frasz was division vice president at two high growth computer technology firms: TRION Technologies Inc. (Mayfield Village, OH), and Lexi-Comp, Inc. (Hudson, OH). He also has held management, sales and technical positions at BEA Systems, Inc. (San Jose, CA), at FileNet, Inc. (Costa Mesa, CA), and for 15 years while at Digital Equipment Corp. (Maynard, MA). Mr. Frasz earned his BS at Case Western Reserve University, where he also performed

research in BioMedical Engineering for several years. He has also completed a number of graduate business, management, sales, & technical courses, including programs taught by Michigan State, Harvard and Wharton faculty.

Mr. Frasz has been married for 29 years and has 4 sons. He and his wife look forward to the day when they have the two younger boys out of college so they can abandon their diet of macaroni, cheese and hot dogs.

November Speaker: Mark L. Cironi

Mark Cironi has over 29 years of experience in corporate management, sales management and consulting project management. He is the founder of Green Energy Technologies, a wind turbine company focused on amplified wind technology for retail and utility scale wind sys-

tems. Mr. Cironi has a wide array of experiences uniquely qualifying him to manage an emerging technology in the wind market. Throughout his career he has sold, managed and implement technology in the information

technology industry with IBM, Oracle and Digital Equipment Corporation. Major projects at Goodyear, Michelin, British Petroleum, Raytheon and Lear Jet were delivered under his direction to successful completion.

See next page for continuation...

Akron / Canton ASHRAE 2007-2008 Calendar

Nov 13, 2007
Topic: *Alternative Energy: How to get to Zero Bldg Energy*

Dec 5, 2007 (8 am) -[Back to Basics](#)
Topic: *Psychometrics: Basic Principles and Psych Chart.*

Jan 8, 2008
Topic: *Refrigeration*

Feb 1, 2008 (Noon) -[Back to Basics](#)
Topic: *Energy Recovery: Types and Applications*

Feb 12, 2008
Topic: *Gov. Incentives: Tax Deductions, Grants, and Loans*

Feb 27, 2008 (8 am) -[Back to Basics](#)
Topic: *Temperature Controls: Basic Principles of Temperature Controls*

Earn PDH's!
by Attending Meetings
-Certificate via Mail

- Each month additional information will be provided on the activities/programs taking place that month.

ASHRAE NEEDS YOU HELP!

Are you looking for a way to get more involved in your local ASHRAE chapter? Are you motivated to make a difference? Are you looking for an opportunity to improve yourself and your society? If you are, here is a great opportunity for you!

We currently have a few spots open on your Akron-Canton ASHRAE Board of Governors. The positions only require a few hours of work each month. If you are interested please contact Greg Drensky at gregd@jacco.com. This is your chance to make a difference.

Monthly Meeting Information

Speaker: Alan R. Frasz & Mark L. Cironi
Subject: *Alt. Energy: How To Get To A Zero Energy Building*
Date: November 13th, 2007, Tuesday
RSVP: Greg Drensky at gregd@jacco.com
By 5:00 pm on Monday, November 12th.
Location: 356th Fight Group
4919 Mt. Pleasant Rd., N. Canton, 44720
Agenda: 5:30pm - Social/Cocktail (Cash Bar)
6:00pm - Dinner
7:00pm - Speaker/Presentation

Cost: \$25 - For Members of Akron/Canton ASHRAE
\$35 - For Non-Members of Akron/Canton ASHRAE
Students Attend FREE



**Make you own Power and
Save Money!**

President's Message—Greg Drensky

What a great month we had in October! The weather was beautiful, allowing many of us to take advantage and either catch up on work around the house or go out and enjoy mother nature a little more than usual. October was a great month for ASHRAE as well because we had two great meetings. At the first meeting Scott Cochrane discussed Smart Buildings, what they mean to the owner, and how a design engineer can apply it to their building to give the owner every available advantage possible. At the second meeting Ryan Kopko covered the basics of various chiller types, their operation and applications. This was the first in a series called Back To The Basics, which will provide a great introduction to young engineers as well as help experienced engineers update

themselves on current technology. We had great attendance and we are looking forward to even more attendees at the next meeting.

This month we welcome Alan Frasz and Mark Cironi. They will be discussing both solar and wind power systems, the advantages to today's building owner, pay-backs, and how to achieve grants for them. Be sure to show up and learn about this upcoming technology that we will all be interfacing with sooner than later. Please note that we are moving each month's meeting to different areas to try and accommodate our large territory. This month we will be at the 356th Fighter Group. If you have never been there it is a unique restaurant located right next to the landing strips of Akron Canton Airport. The restaurant is

decorated in a World War II style and even has some vintage war trucks and planes on site.

Last but not least, I would also like to welcome Mike Hyde and Carlin Lucente, both with GPD Associates. Mike has now taken over the position of Secretary, and Carlin is the Student Activities Chairperson. I would like to thank both of them for their time, help and effort into making Akron-Canton ASHRAE a great chapter. If you would like to get involved please let me know. We have various positions open that can fit with your availability and schedule.

With that said, I look forward to seeing everyone on November 13th.

- Greg Drensky



Akron/Canton ASHRAE President: Greg Drensky

Back to Basics - Psychometrics - Dec 5th at 8am

Jerry Cohen will be providing a thorough review of psychometrics in our second edition of Back To The Basics. He will discuss the basics of the psychometric chart, how to plot and read system designs, and how to evaluate system performance. The psychometric chart is the foun-

ation of all HVAC system designs and is a necessary tool for every HVAC engineer today. Jerry is a graduate of Kent State University, is the current President of Jacco & Associates, brings with him over 30 years of experience in the HVAC world, and is a Past

President of Cleveland ASHRAE. This will be a great seminar for the young engineer looking to gain knowledge on the psychometric chart and for the experienced engineer looking to refresh and refine their knowledge of it.

Cironi Continued...

Since the founding of Green Energy Technologies, Mr. Cironi has marshaled the resources of several northern Ohio companies to bring the best of skills available in this area to develop wind technology that will be manufactured in Ohio and provide the industrial and commercial marketplace the ability to net meter with wind technology

directly connected to their facilities using innovative wind technology. Deploying the talented workforce of northern Ohio, this technology is poised to change the wind energy industry into an electrical distributed marketplace that non traditional users can benefit from wind production.

Mr. Cironi and his talented

staff is available to begin focusing on contributing to this important project so that all can benefit economically as well as environmentally.

Mr. Cironi is a graduate of Kent State University. He is also a corporate member of Green Energy Ohio, Ohio Wind Working Group and American Wind and Energy Association.

Career builder - Local Listings

Information:

If you or your company is interested in posting Career Opportunities, please email information to Brandon Marzley (bmarzley@gpdgroup.com)

“Our decision about energy will test the character of the American people and the ability of the President and the Congress to govern this nation.”

- Jimmy Carter



OFFICERS

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ASHRAE Membership Form
Akron/Canton Chapter

If you are just updating contact information check here

Last Name First Initial

Company Name Phone Number

Mailing Address

City State/Province/Country Zip/Postal Code

Email

Membership Fee (if Not already Paid through society dues):

\$30.00 (Just for Local Chapter)



Mail to:

Greg Drensky
61 Milford Dr.
Hudson, OH, 44236

If you have any questions please email Greg Drensky at:
gregd@jacco.com

Technical, Energy and Government Activities (TEGA)

Have you ever designed a system that works??? I bet that ALL of our Akron/Canton Chapter Engineers have designed nothing but working systems. So, why keep it the worlds best kept secret?

We would like to encourage you to complete the new 'short form' of the ASHRAE Chap-

ter/Regional Technology Award Application Form and Submit it to Paul Kleinhas, ASHRAE Chapter TEGA Committee Chairman pkleinhas@mwmielke.com. The Technology Award Competition is a great opportunity to be recognized for innovative technological concepts and/or designs. Local and Regional competitions are easy to enter into. Additional

*information can be obtained from the ASHRAE website:
www.ashrae.org.*

