

# “CHILLED BEAMS - WAVE OF THE FUTURE? MORE PIPING, LESS DUCTWORK - ONE STEP ON THE PATH TO NET-ZERO BUILDINGS”

PRESENTED BY THOMAS D. COLVIN

**DATE** Thursday, February 23, 2012  
**PLACE** Utah Career Center, 640 N. Billy Mitchell Road, SLC, UT 84116  
**TIME** 12:00pm to 2:00pm  
**COST** FREE  
**OTHER** Lunch will be served at this event.  
**LAST DAY TO REGISTER** February 15, 2012

## ABOUT THE CLASS

Tom Colvin will review the reasons that more buildings are considered 'chilled beams' to provide the heating and cooling for their spaces. This equipment has been in use for many years in Europe but has been used very little in the US. However, over the past couple years, the use of this equipment has increased in the US. Tom will also discuss zero-energy buildings (also known as net-zero buildings) and the new movement towards this trend. Participants will learn more about what net-zero buildings require and what tools can be used to create net-zero buildings.

## ABOUT THOMAS D. COLVIN

Tom graduated from the University of Nebraska in 1970 with a Bachelor's Degree in Mechanical Engineering. He began his consulting career in Colorado with BHCD Engineers. He relocated to Salt Lake City in 1983 and founded Colvin Engineering Associates, Inc. in 1986. Under his leadership, the company has expanded to 35 employees, including eight professional engineers and ten LEED accredited professionals.

Tom's ASHRAE career includes serving as President of the Rocky Mountain and Utah Chapters, Region iX RVC for Membership and Society Chairman for Membership as well as being a corresponding member of ASHRAE TC5.7 Evaporative Cooling and TC9.9 Mission Critical Facilities.

In 1993 and 2011 he was the ASHRAE Utah Chapter Engineer of the Year and in 1995 he received the ASHRAE Technology Award for Commercial Buildings - New Category for his innovative, energy conserving design of the One Utah Center. He has also taught thermal environmental engineering at the University of Utah and has been a lecturer at evaporative cooling seminars at the Pacific Energy Center in San Francisco and several ASHRAE Annual meetings.

## REGISTRATION

NAME \_\_\_\_\_

COMPANY \_\_\_\_\_

BILLING ADDRESS \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_ FAX NUMBER \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

Return forms to the UMCA office by Wednesday, February 15, 2012 via mail, fax, or electronic submission.

[Submit Form](#)

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