




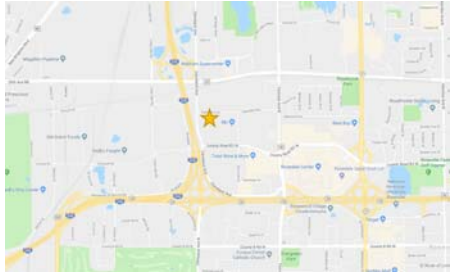
**2018 SPRING SEMINAR**  
***“Extending Our Community”***

Register Online Here:

<http://mnashrae.org/content.php?page=Education>

**TUESDAY, APRIL 10, 2018**

**7:30 AM - 1:30 PM**

 <p style="text-align: center;">Radisson Hotel Minneapolis/St Paul North 2540 Cleveland Ave Roseville, MN 55113</p>	 <p style="text-align: center;"><a href="#">(link)</a></p>
---	---

**SEMINAR AGENDA (4 PDHs)**

TIME	TOPIC
7:30 to 8:15	<b>Breakfast &amp; Registration</b>
8:15 to 9:15	<b>Variable Refrigerant Zoning Applications</b> Speaker: Matt Blocker, Mitsubishi Electric
9:15 to 9:30	<b>Break</b>
9:30 to 10:30	<b>Mechanical Considerations for Passive House Design</b> Speaker: Tim Delhey Eian, TE Studio Architecture
10:30 to 10:45	<b>Break</b>
10:45 to 11:45	<b>Resilient Design and the RELi Standard</b> Speaker: Doug Pierce, Perkins + Will
11:45 to 12:30	<b>Lunch and Chapter Business Meeting</b>
12:30 to 1:30	<b>Variable Primary Pumping Applications</b> Speaker: Dan Chudecke, Mulcahy Co.

## SPEAKER INFORMATION

### Session 1: *Variable Refrigerant Zoning Applications*

**Matt Blocker, Regional Commercial Sales Manager, Mitsubishi Electric**



**Matt Blocker** is a local and national resource for all VRF applications and support. He supports sales, applications, service, and controls support for all Mitsubishi electric products for six states: MN, ND, SD, NE, IA, and WI. Matt is very involved with new product development within Mitsubishi Electric including Mechanical, Controls, Accessories and Service Tools. He has been instrumental in developing the widespread use of Water Cooled VRF in the Midwest markets and also has a great knowledge of how to apply air cooled VRF systems in these cold climates. Matt has a BSME from Illinois Institute of Technology and has amassed a wide array industry knowledge, working for a mechanical contractor for four years, a consulting engineer for two years, manufacturer's rep for three years, and now Mitsubishi Electric for six years. Matt is locally based in the Twin Cities and is a great engineering resource for VRF in the market.

### Session 2: *Mechanical Considerations for Passive House Design*

**Tim Delhey Eian, Dipl.-Ing. Arch. (Architectural Engineer)  
Certified Passive House Consultant and Designer**



**Tim Delhey Eian** is a German-born and trained architectural engineer with almost 20 years of professional experience in innovative high-performance designs. He is passionate about holistic design solutions that deliver on all aspects of sustainability. In addition, Tim is a master carpenter, graduate of the technical University of Kaiserslautern, Germany, and one of the first professionals in North America to design a certified Passive House building. Tim is the founder of TE Studio Architecture, co-owner of Intep - Integrated Planning, a co-founder of the Passive House Alliance US, founder of Passive House Minnesota, and a board member of the North American Passive House Network.

## SPEAKER INFORMATION

### **Session 3: Resilient Design and the RELi Standard**

**Douglas D. Pierce, AIA, LEED® FELLOW**

**Resilience Lab Co-Director, Senior Associate and Architect, Perkins & Will  
Adjunct Professor in Practice, University of Minnesota, College of Design**



**Doug Pierce** is a pioneering architect, speaker and writer with a passion for integrating art and science through poetic innovation. He has over 30 years of experience in sustainable/resilient design that includes planning, architecture and policy work. He has led the conceptual design and LEED planning for multiple certified projects including one of the Upper-Midwest's very first LEED Platinum Certified projects, Great River Energy Headquarters in Minneapolis, Minnesota - an AIA National COTE Top 10 Green Project and one of the first 2030 compliant projects in the country. He was technical lead for the Climate Ready DC adaptation plan, winner of a 2017 C40 Cities/Bloomberg Philanthropies International "Citie4Tomorrow" award.

Doug is now defining a new integrative framework for sustainable design through development of the RELi Resiliency Action List + National Consensus Standard. RELi (pronounced Rely) was launched in 2012 and adopted by the USGBC in 2017 as part of their family of standards.

### **Session 4: Variable Primary Pumping Applications**

**Dan Chudecke, Director of Technical Services, Mulcahy Co.**

Photo  
Not  
Available

**Dan Chudecke** has worked at Mulcahy Company as a manufacturer's representative since 1993. His current position is the Director of Technical Services. One of his responsibilities is the training and education of Mulcahy personnel and customers regarding their products and services in the HVAC, plumbing, industrial, and wastewater markets. Other responsibilities include field trouble shooting and assisting factories in development of future products and design manuals. Dan is a past president of the Minnesota Chapter of ASHRAE and serves on Technical Committee 6.1. He has also presented many seminars on piping system design and installation to ASHRAE, ASPE and other local organizations. He is a graduate of Purdue University and has been a member of ASHRAE since 1995.