

Thermal Distribution Workshop

Session 1: Trends, Opportunities and Challenges in Thermal Distribution



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FEBRUARY 10-14 ▲ SHERATON DENVER DOWNTOWN ▲ DENVER, CO

Welcome and Introduction

Steam Moderators:

- ▶ Pat Davin: Viola
- ▶ Ed Conway: ConEdison

Chilled/Hot Water Moderators:

- ▶ James Rosner: University of Denver
- ▶ Michael Schorsch: Lansing Board of Water and Light



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Welcome to Denver and University of Denver System Profile

- ▶ Founded in 1864 as Colorado Seminary in the Colorado Territory
- ▶ 3.8 million square feet over 125 acres in the City of Denver
- ▶ 11,500 students (5,000 undergrad/6,000 graduate)
- ▶ 3,800 faculty/staff
- ▶ Campus is a Working Arboretum
- ▶ Great Private University dedicated to the Public Good
- ▶ 18 of 88 Buildings on Central Plant (Sturm Hall)
 - ▶ Steam for heating/hot water at only 15 psi
 - ▶ Chilled water capacity: 2,000 tons
- ▶ DU IDEA Member since: 2016, James since 2012



Engineering/Computer Science: 2017



University Hall: 1864

Getting to Know Each Other

- ▶ Ken Vergo, *Colorado State University*
 - ▶ Paul Razo, Detroit Thermal
 - ▶ Melissa Seedorf, University of Michigan
 - ▶ Sean McFarling or Michael Ahern, Evergreen Energy
 - ▶ Chris Busch/Jeff Fisher, University of Colorado
 - ▶ Robert Slavik, Colorado School of Mines
- ▶ Introduction:
 - ▶ Name
 - ▶ Organization
 - ▶ # people attending
 - ▶ Overview of your utility: Steam/HW/CW Producers, distributor, micro-grid, campus/muni
 - ▶ Years Membership in IDEA
 - ▶ What do you find most beneficial about the workshop?
 - ▶ What are you hoping learn/get out of the conference?



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