

MINNESOTA POWER ENERGY DESIGN CONCEPTS EXPO

Geothermal Renewable Energy Solutions

Brought to you by:

To be held at:

Duluth Entertainment Convention Center
350 Harbor Drive
Duluth, MN 55802



Commercial Geothermal Energy Opportunities Tuesday, February 18, 2025		Understanding Residential Geothermal Heat Pump Systems Wednesday February 19, 2025	
7:00 am - 8:30 am	Registration and Vendor Set-Up	7:00 am - 8:30 am	Registration and Vendor Set-Up
8:30 am - 9:00 am	Welcome & Geothermal Highlights <i>Scott Niesen & Garrett Sakry, MNGHPA Directors</i>	8:30 am - 8:45 am	Welcome & Geothermal Highlights <i>Scott Niesen & Garrett Sakry, MNGHPA Directors</i>
9:00 am - 10:15 am	Scale Geothermal Design & Installation Opportunities <i>Brian Urlaub, Vice President / Director Sales O'Brien</i>	8:45 am - 9:15 am	Introduction to IGSHPA & Geo-Exchange Best Utility Partner <i>Steve Koep, Retired Utility Executive & MNGHPA Director</i>
10:15 am - 10:30 am	Break	9:15 am - 10:15 am	Overview of what a geothermal heat pump is and how it works <i>John Riffe, Auer Steel</i>
10:30 am - 11:00 am	Lessons Learned Building a Robust Geothermal Industry <i>Carina Paton, President Voltmetrics, LLC</i>	10:15 am - 10:30 am	Break
11:00 am - 12:00 pm	IGSHPA Opportunities to Expand Training and Knowledge <i>Greg Kurtz, IGSHPA</i>	10:30 am - 11:00 am	Equipment Choices package, split & water to water. Overview of sizing equipment and installation considerations <i>John Riffe, Auer Steel</i>
12:00 pm - 1:00 pm	Lunch	11:00 am - 12:00 pm	Common types of loop fields and requirements for installation <i>John Riffe, Auer Steel</i>
1:00 pm - 2:15 pm	Optimizing Geo Performance and Key Commercial Monitoring <i>James Tinjum P.E Ph.D., University of Wisconsin – Madison</i>	12:00 pm - 1:00 pm	Lunch
2:15 pm - 2:45 pm	Break	1:00 pm - 2:00 pm	IRA Geothermal Incentives <i>Jeremiah Strode, Geo-Exchange director of Utility Engagement</i>
2:45 pm - 4:00 pm	Geothermal IRA Incentives benefits of GSHP for Electrical Grid <i>Jeremiah Strode, Geo-Exchange</i>	2:00 pm - 2:30 pm	Geothermal Heat Pump Service: Refrigerant circuit and loop field <i>John Riffe, Auer Steel</i>
4:00 pm - 4:30 pm	Interaction	2:30 pm - 2:45 pm	Break
4:30 pm - 7:00 pm	Networking Social	2:45 pm - 4:00 pm	Geothermal Heat Pump Service: Sequence of operation, Performance Diagnostics HE & HR, and Evaluating Common Faults <i>John Riffe, Auer Steel</i>
		4:00 pm - 4:30 pm	Wrap up and interaction

Register Today! Register online at www.duluthenergydesign.com/AdditionalConferences/MNGHPA or complete and submit the form below!

<input type="checkbox"/> February 18, 2025	<input type="checkbox"/> February 19, 2025
Attendee Name _____	Total Fee \$75.00 (flat fee for one or both days)
Company _____	<input type="checkbox"/> Check enclosed payable to MNGHPA
Address _____	Charge my: <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> AmEx <input type="checkbox"/> Discover
City/State/Zip _____	Card Number _____
Phone _____	Exp. Date _____ CVC# _____
Email _____	Cardholder's Name _____

Mail your registration form with payment to:
MNGHPA
 5625 Xerxes Ave N, Suite C, Box # 167
 Brooklyn Center, MN 55430

Fax your registration form with credit card information to:
 (888) 287-4116

Email your registration form with credit card information to:
jane@assocmgmtservices.com

Questions? Call us at 888-782-6815