

# 2023 Our Geothermal is Now!

*Are You Ready?*

February 28 – March 1, 2023

The Hotel at the Kirkwood

Cedar Rapids, Iowa

## Monday, February 27

4:00 p.m. to 8:00 p.m. Exhibitor Load In

## Tuesday, February 28

7:30 a.m. to 3:00 p.m. Registration Desk Open

7:30 a.m. to 9:00 a.m. Coffee and donuts/breakfast – Exhibit Hall  
**Sponsored by Northwest Iowa Power Cooperative (NIPCO)**

8:30 a.m. to 11:45 a.m. General Session and Annual Meeting

8:30 a.m. **Welcome**  
Tom Rutkowski, IGA President

8:40 a.m. **Vendor & Sponsor Introductions**  
Tom Rutkowski, IGA President

9:00 a.m. **Policy & Market Update from GeoExchange**  
Jeremiah Strode, Director of Cooperative Engagement  
Geothermal Exchange Organization

10:00 a.m. Break

10:15a.m. **A2L Refrigerants**  
Justin Jobe, Enertech

10:30 a.m. **GHEX Rules Update & IWIS**  
Erik Day, Sr. Environmental Specialist, Iowa Department of Natural Resources  
Deborah Williams, Geologist III – Private Well Program, Iowa Department of Natural Resources  
*1 HR DNR – well contractor*

11:15 a.m. IGA Annual Business Meeting, Tom Rutkowski, IGA President

11: 45 a.m. Lunch & Exhibit Hall Open

11:45 a.m. to 7:00 p.m. Exhibit Hall Open

**\*\*Note, DNR CEUs are confirmed. PMSB CEUs are in progress for confirmation\*\***

**Attendee Lanyards Sponsored by Water Furnace**

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Time	Salon 1	Salon 2	Salon 3	Exhibit Hall
12:45 p.m. to 2:45 p.m.	<b>What's Practical for Me in the Plumbing Code</b> Lee Maier, Instructor CEU Authority  <i>2 hrs PMSB CEU</i>	<b>Geo Loop Leases/ GEO Utility</b> Scott Musgrave, ORCA	<b>Geothermal Ground Loop Water Side Problem Solving</b> Tom Wyer, President Geo-Flo Corporation  <i>2 HR DNR well contractor 1 hr PMSB CEU - submitted</i>	OPEN
<b>2:45 p.m. to 3:00 p.m. BREAK - Refreshments in Exhibit Hall</b>				
3:00 p.m. to 5:00 p.m.	<b>Grant Writing Workshop</b> Jennifer Borcherding  ----- <b>Alternative Geothermal Loop Solutions</b> Tom Rutkowski, E & J Geothermal  <i>1 HR DNR well contractor</i>	<b>Troubleshooting System Design Problems</b> Mark Falkena, Owner Fred's Plumbing & Heating  <i>2HR DNR well contractor  2 hr PMSB CEU - submitted</i>	<b>Marketing and Social Media Workshop</b> Ashley Weaver, Spindustry	OPEN
<b>5:00 p.m. to 7:00 p.m.</b>	<b>Reception with Exhibitors – Exhibit Hall</b>			

### Wednesday, March 1, 2023

6:30 a.m. to 8:00 a.m. Breakfast Buffet

**Sponsored by Corn Belt Power Cooperative**

6:30 a.m. to 10:00 a.m. Exhibit Hall Open

Time	Salon 1	Salon 2	Salon 3	Exhibit Hall
7:30 a.m. to 9:30 a.m.	<b>Hydronics, Geo and Radian Floor – how to do it Right</b> Jim Cusack, Territory Manager Enertech  <i>2 HR PMSB CEU</i>	<b>Fusion</b> Travis Warnke, Vice President, Sales * Mfg. B&D Mfg., Inc.  <i>1 HR DNR well contractor</i>  <b>Designing an Underground Powerplant:</b> <i>Designing an Earth-Loop and Pumping for Residential and Light Commercial</i> Jeff Hurst  <i>1 HR DNR well contractor</i>	<b>Ask the Experts – A roundtable discussion</b> Roger Hammen, Midland Power Co-Op Tom Rutkowski, E & J Geothermal Stephanie Wiese, Western Iowa Power Cooperative	OPEN
<b>9:30 a.m. to 9:45 a.m. BREAK - Refreshments in Exhibit Hall Sponsored by Hydro Pump</b>				

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9:45 a.m. to 11:45 a.m.	<b>Electrical Safety</b> Jason Thorson, Job Training & Safety Instructor Iowa REC  <i>2 HR DNR safety well contractor</i>  2 HR PMSB CEU	<b>"What Happened to my Geothermal Heat Pump"</b> - <i>Troubleshooting the Refrigeration Cycle - HE - HR / Lockouts</i> Jeff Hurst, Geothermal Product Manager, Connor Company  2 HR PMSB CEU	<b>Variable Speed Hydronics</b> Justin Jobe, Eneritech	
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