



IGSHPA News

Keeping you in the Loop

Events At A Glance

October 25-27, 2023: PHCC Connect 2023

**October 27, 2023 10:30 am CT: October Dig Deeper Webinar with
U.S. Dept. of Energy**

November 3, 2023: Early Bird Registration for 2023 Conference Ends

November 3, 2023: Board of Directors Voting Ends

**November 8, 2023 10:30 am CT: November Virtual Town Hall with
John Freitag of GAOI**

**November 29-30, 2023: Certified Residential Geothermal Designer
Course Online with HRAI**

**STAY UP TO DATE ON OUR UPCOMING EVENTS WITH OUR
EVENTS PAGE ON OUR WEBSITE: [https://igshpa.org/
calendar/](https://igshpa.org/calendar/)**

Message from the Executive Director

So much is happening in our industry right now that IGSHPA is on a fast track to bring increasing value to members with new training programs in the

works, a new member portal that's very close to being completed, and updates to our membership program (see article below). We are excited to present our first two training modules at the [Iowa Geothermal Conference in February](#). The IGSHPA member portal is in the process of being updated so that you will be able to see your membership and certification details at a glance, along with many more added functionality. You'll see in the article below that IGSHPA has a new membership program, effective January 1, 2024 that is a much better programs for both members and IGSHPA. Of course, October is a busy month in preparation for a very exciting [conference](#), December 5-7, 2023 in Las Vegas. We already have more registrations than we did last year at this time, and we have a LOT more workshops, as well as new programs, like the IGSHPA awards ceremony. I look forward to seeing you in less than two months!

Sincerely,

Jeff Hammond

Executive Director

International Ground Source Heat Pump Association

jeff@igshpa.org

Thank You Conference Sponsors!



EARLY BIRD REGISTRATION ENDS NOVEMBER 3rd!

**Exhibitor and Advertisement Opportunities are
STILL AVAILABLE!**

A graphic with a dark green background. On the left, a stylized tree with a green canopy and a brown trunk is shown. The canopy contains the IGSHPA logo. The trunk is a lightbulb with a recycling symbol inside, and its roots are a coiled spring. On the right, white text reads "Geothermal: The Genius Renewable". Below this, it says "Live at Groundwater Week in partnership with NGWA". To the right of this text is the NGWA logo, a circular seal with "75 YEARS OF EXCELLENCE" at the top, "NGWA" in the center, and "1948-2023" at the bottom. Below the seal, it says "Las Vegas, NV" and "December 5-7, 2023".

**Geothermal:
The Genius Renewable**

Live at Groundwater
Week in partnership
with NGWA

Las Vegas, NV
December 5-7, 2023

Get your brand out in front of thousands by exhibiting in the Geothermal Pavilion or advertising in the Program Guide! Go to <https://igshpa.org/igshpa-annual-conference-2023/> for all things Conference related!

The IGSHPA logo, a stylized green shape resembling a house or a mountain peak with a white outline.

**IGSHPA[®] MEMBERSHIP
ANNOUNCEMENT!**

New IGSHPA Membership Program for 2024!

As IGSHPA continues to grow and provide more benefits to members, we occasionally need to review our membership program to ensure that it is fair to all members, it is positioned to help the organization and the GSHP industry grow, and it is easy to understand. We have spent the last two years discussing the current membership program with members and the IGSHPA board of directors. We are excited to present a new membership program, effective January 1, 2024, that will put IGSHPA on a new path for growth and provide members with many more choices to participate. It will also help correct some of the confusion with membership and certification, and provide discounts for members, as well as additional incentives. IGSHPA's last membership cost increase was in 2016. This new program will have very little financial impact on members but will provide a much better program for IGSHPA and members long-term.

Below is a summary of changes for 2024. You can find all of the details in the new [membership brochure](#).

- Individual IGSHPA membership has stayed the same as 2016 at \$125 per year.
- Certification renewal for members for AI (Accredited Installer), CGI (Certified Geothermal Inspector), and CRD (Certified Residential Designer) **decreased** from \$100/year to \$75/year. Overall cost for membership plus certification renewal increased by \$50/year for members. For non-members, the overall cost for membership plus certification renewal increased by \$100 per year. Note that CGD (Certified GeoExchange Designer) certification is administered by AEE (Association of Energy Engineers) and therefore certification renewal and AEE membership has not changed.
- HVAC, GHEX, and other contractor memberships increased by \$30 per year.
- A new directory only listing (no membership or voting) has been added for contractors, distributors, and MEP firms at \$200 per year. This is a new level to encourage more industry participation and help customers find GSHP businesses in the online directory.
- Utility memberships have been broken out separately (previously part of manufacturer memberships) as distribution co-operatives, municipal utilities, G & T co-operative utilities, Investor-owned utilities, and (Canadian) Crown corps.
- Distributors and MEP firms memberships increased by \$230 per year. This is

part of our efforts for membership fairness, better leveling out the membership types.

- A new student/retired individual membership has been added.
- A new community organizations membership (trade schools, community colleges, university departments, government, and state provincial associations) has been added.

If you have any questions at all, please contact us at info@igshpa.org, 1-800-626-4747, or 1-217-212-2112. Thank you for your support of IGSHPA!

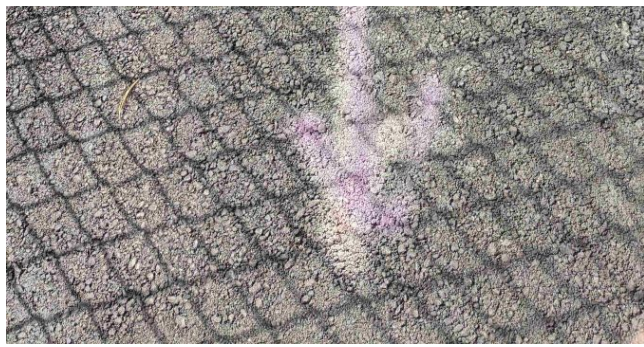
GeoExchange Update

Anyone who is involved in the geothermal heating and cooling industry (and many from outside the industry) has seen the surge in interest around thermal energy networks (TENs). Maybe you call them district or community systems, or perhaps one of a dozen other names, but this style of application is getting a lot of attention. [11 awardees were selected earlier this year](#) by DOE's Geothermal Technologies Office to design TENs in rural and urban settings. Meanwhile, dozens of other projects are springing up.

One of these projects is a first-of-its-kind utility-scale project owned by [Eversource Energy](#), one of the largest investor-owned utilities in the U.S. with over 4 million customers. Last week I had the pleasure of visiting Framingham, Massachusetts to see the Eversource TEN with my own eyes, and let me tell you, seeing is believing. This is a one-pipe system that runs around one square mile through the heart of the city and will connect a fire station, a community college, affordable



multifamily, and single-family homes. The entire town is excited about this project. Every single-family home in proximity to the project, when given the choice to access the TEN opted to do so.



Eversource holds weekly informational meetings that are always well attended. Elected officials from across the country have been visiting the project site to learn more.

This tour was organized by a coalition of utilities from across the country (many of them gas utilities) investigating the potential of owning and operating TENs in their own service territory. I truly believe that the Framingham system will be the first of dozens, if not hundreds, of such systems in the country. We are going to need a lot of skilled geo professionals to rise to the challenge and meet the demand. If we work together as an industry, the future is bright. I look forward to seeing many of you in Las Vegas for the IGSHPA conference as we build on this momentum and plot the course forward.

IGSHPA Board Chair, Kortney Lull Featured on The Driller Podcast

Brock Yordy sat down for an interview with Kortney Lull of Midwest Geothermal, the outgoing board chair for the International Ground Source Heat Pump Association. Lull and host Brock Yordy cover a lot of ground, from IGSHPA's re-invention to the how geothermal competes with and complements other strategies for cutting "peak load" on our energy grid.

Check it out here: [Driller Newscast Episode 82](#)

This episode covers:

- The International Ground Source Heat Pump Association (IGSHPA)
- The National Ground Water Association (NGWA)
- Groundwater Week 2023 in Las Vegas
- The Inflation Reduction Act (IRA) and geothermal incentives

- Growth prospects for geothermal and ground-source heat pumps
- The future of IGSHPA

Geothermal's role in decarbonizing U.S. energy sources

November Town Hall

Be sure to join us live on Zoom November 8th at 10:30 CT. We will be hearing from John Freitag, Director of Geothermal Alliance Of Illinois (GAOI). John's presentation will be ***Illinois geothermal "group buy" programs changing the way GSHPs being promoted and sold.***

What's in a "group buy" program? The Geothermal Alliance of Illinois has been finding out over the past two-plus years, spinning off geothermal heat pump group buy programs that are modeled off of very popular solar PV group buys that are popping up all across Illinois and other parts of the U.S. Taking off on the solar model, the GAOI has partnered with the City of Urbana over the past two-plus years to deliver Geothermal U-



C, the first group buy that covers three counties in eastern Illinois, including Champaign-Urbana where the University of Illinois at Champaign-Urbana is located. Late last year, the GAOI and electric cooperative Jo Carroll Energy in northwestern Illinois kicked off the Northwest Illinois Geothermal Power Up program that covers several counties in the northwestern corner of the state. The third group buy is larger in scope and scale and started earlier this year in eight northern Illinois counties. The GAOI partners with consumer organization, the Illinois Citizens Utility Board, or CUB, and the Midwest Renewable Energy Assn. with this group buy program. GroGeothermal Chicagoland has numerous dealers across the Chicago and suburbs region, and stretches out to include geothermal hot spot Rockford.

[**Get registered here.**](#)

Town Hall and Dig Deeper Sponsorship Opportunities

In 2023, IGSHPA began offering a new opportunity for members to get the word out about their products and services. IGSHPA Town Hall and Dig Deeper webinars may now be sponsored. Your logo will be prominently displayed on the opening slides and your company will be recognized by the moderator. Since webinars are recorded, anyone who views the webinar later on will see your logo, creating an advertising opportunity with longevity. [Town_Hall-Dig_Deeper_sponsor.pdf](#). Hurry! 2024 sponsorships are going fast!

Upcoming Events

October 25-27, 2023: PHCC Connect 2023- You share a passion with other professional plumbing and HVAC contractors to be the best that you can be. Plan to join them at the p-h-c industry's premier event, PHCCCONNECT2023, where you can learn, share and CONNECT! [Go here to get more info and register.](#)

October 27, 2023 10:30 am CT: October Dig Deeper Webinar with U.S. Dept. of Energy- Speakers Jeff Winick & Sean Porse of U.S. Department of Energy Geothermal Technologies Office will give a GHP Impact Analysis. In Fiscal Year 2022, with GTO support, ORNL and NREL conducted a modeling assessment of the grid impacts resulting from the mass deployment of GHPs. Modeled changes in end use load profiles for the US building stock and their impacts on the bulk power system were analyzed under various carbon policy, electrification, and sensitivity scenarios using capacity expansion modeling (ReEDS) and production cost modeling (PLEXOS). The results demonstrate GHPs' significant aggregate value to a decarbonizing grid through reduced infrastructure requirements, reduced emissions, and improved grid efficiency. The results have important implications for energy and technology investments in a rapidly decarbonizing energy economy. [Go here to register.](#)

November 3, 2023: Early Bird Registration for 2023 Conference

Ends- [Go here to get registered.](#)

November 8, 2023 10:30 am CT: IGSHPA Town Hall with John

Freitag- Topic: Illinois geothermal “group buy” programs, changing the way GSHPs being promoted and sold. [Go here to register.](#)

November 29-30, 2023: Certified Residential Geothermal Designer

Course Online with HRAI- Learn how to properly design a residential system, starting with the benefits and types of ground source heat pumps. Attendees will also learn about the design process, energy loads and requirements, and how to calculate loads; how to select mechanical systems; site, geology and soil conditions; ground heat exchanger design; pumping, interior piping and header design; economics of the design; and calculate a sample problem. Upon successful completion of the corresponding exam, an IGSHPA Certified Residential Geothermal Designer (CRD) certification will be issued. [Go here for more info & to register.](#)

Why Should My Company Join as an IGSHPA Business Member?

On the IGSHPA website, there is a list of benefits for business and corporate memberships, including a listing in the directory, voting rights for board elections and changes to the organization’s structure, discounts on conferences and publications, access to the member-only website, and more. However, IGSHPA membership for your organization is much more than the listed benefits. As our industry grows (and it appears to be on a strong trajectory!), consistency of message, quality design and installation, and unity as an industry is more important than ever. IGSHPA has made good progress in the past 2-1/2 years in its transition to an independent non-profit, but membership funding is a large portion of IGSHPA’s revenue. As membership expands, IGSHPA’s ability to add membership benefits via additional programs, hiring of staff, and participating in more industry events grows exponentially.

IGSHPA’s mailing list includes over 6000 e-mail addresses. We have 124 business and corporate members, and we are very thankful for the support! Imagine what we could do with 1000 members! Plus, imagine how many

additional hits/leads your companies would receive from being part of a much bigger directory. Keep in mind that HVAC contractors and distributors may have funding available from heat pump manufacturers. We are aware of advertising cooperative funds available to offset IGSHPA membership from ClimateMaster and Enertech; other manufacturers may offer similar incentives, as well.

For more information, check out our [online business/corporate member application form](#) or contact us at info@igshpa.org.



Effective January 1, 2023, only IGSHPA members will be listed in the IGSHPA directory. Certified individuals will only be displayed if they are an IGSHPA individual member or if their company is a business or corporate member.

In the past year, as IGSHPA has been implementing its new member CRM (Customer Relations Management) software, which has significantly better methods of managing member data and IGSHPA certifications. In the process, it was necessary to display all members and certified individuals (even certified individuals without an IGSHPA membership) in order to transition to the new directory. Now that the data has been “cleaned up” (i.e., we are able to associate business/corporate/individual memberships with certified individuals), we are moving back to the policy that has been in place over the years, where only IGSHPA members will show up in the directory.

This will not affect individual memberships or business/corporate members, as they will continue to be displayed as long as their membership is current.

What does this mean for certified individuals? If you have an Accredited Installer (AI), Certified GeoExchange Designer (CGD), Certified Residential Designer (CRD), or Certified Geothermal Inspector (CGI) certification and have an individual membership or your company has a business/corporate membership, nothing will change. You will continue to be displayed in the [Certified Individual Directory](#). The only caveat is that we may not know that you work for a company that is an IGSHPA member if your information has not been updated in the IGSHPA database. If you don't show up in the directory after January 1 and you work for a company that is an IGSHPA member, please contact us at info@igshpa.org to have your information updated.

Sometimes certification and membership can be confusing. Renewing your certification does not include an IGSHPA membership; it only maintains your certification. Individuals can be certified; individuals can be an IGSHPA member; or individuals can be certified and a member. IGSHPA has special pricing of \$50 per year for certified individuals to purchase an individual membership. Being an IGSHPA member provides many benefits, including being listed in the directory and being able to vote in board member elections. For more clarification, IGSHPA has created a document that explains the difference between certification and membership. Click [here](#) for more details.

Our mailing address is:

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