Events

July 14th- Town Hall and Seminar with HEET & Eversource on their pilot geothermal district program in Massachusetts

More events from NY-GEO and EPRI - See below!

Message from the Chairperson

The sun is shining, providing so many things those of us on Earth need - including heat for the ground that we tap into every day. It's continually reaffirming to me that the technology we hold so dear is the most reliable source of energy there is out there.

But how many people know the benefits of what is just below the surface? That they can take care of potentially their biggest energy use, just by tapping into the energy just below their feet? Unfortunately, the answer to that is not enough. And as much as there are those in the industry who have made it their mission to share the news about this technology and educate those around them, it's going to take us all to push the needle on geothermal, ground source heat pumps, to be front and center. I would challenge all of you reading this email, to take a moment and share the upcoming Town Hall with someone you might think would benefit from listening. Whether it's your local utility, elected official, city planner, engineer, utility co-op, developer, NetZero firm, 2030 District representative... the upcoming Town Hall would benefit them all! Use the Town Hall events as a catalyst to start a conversation about how ground
source systems could benefit them, and how you can be included in that conversation. Use these events as a way to market and educate your customers on how we can help them accomplish their energy goals.

I want to thank Brian Urlaub for a great presentation this month! Learning about district systems as they relate to mixed-use communities is great. I know that a few cities local to me were able to attend and I can't wait to reconnect with them and hear what they learned.

June renewals are upon us. Thank all of you that have renewed so far. We wouldn't be here without your support! And if you aren't sure of your renewal information or have questions about your renewal, please feel free to email info@igshpa.org.

Thank you for your continued support and keep an eye out for some upcoming announcements!

Sincerely,

Kortney Lull
Chairperson, Board of Directors

June 2021 renewals are happening now! IGSHPA is still waving CEU's for those renewing within 2 years of their expiration. Use our Square Site to get your membership and certifications renewed here: igshpa.square.site Please contact us at info@igshpa.org if you have any questions.

July Virtual Town Hall
During the IGSHPA June Town Hall, you heard from Brian Urlaub who gave a wonderful presentation about district energy systems. If you missed the June Town Hall, you can view a recording of the event on our YouTube channel: https://youtu.be/-VpUtMi78ro

The July Town Hall will feature Co-Executive Directors of HEET, Audrey Schulman & Zeyneb Magavi along with Nikki Bruno, Director of Clean Technologies at Eversource Energy. Audrey, Zeyneb and Nikki will be giving a joint presentation from HEET and Eversource about the pathway, and decision to move forward with the pilot geothermal district program in MA.

Audrey has performed energy assessments on everything from homeless shelters to historic churches. She used utility-reported data to create HEET’s public zoomable natural gas leak maps (the first in the country). She co-led the FixOurPipes.org study to find how to fix gas leaks faster and at less expense through increased municipal/utility coordination. She started the Large Volume Leak Study, which determined a way to identify super-emitting gas leaks so the utilities could repair them. Schulman is the author of five novels, which have been translated into 11 languages, and reviewed by the New Yorker and CNN.

Zeyneb is currently focused on transitioning the natural gas distribution system to a geothermal energy distribution system using the GeoMicroDistrict concept. The next step is to pilot in a neighborhood in MA, together with the state’s largest gas utilities. Zeyneb previously led HEET’s Large Volume Leak Study, which developed a method to rapidly cut emissions from leaking gas pipes in half. She has worked at BBN Technologies, Harvard University, and in multiple startups. She is committed to creating and driving forward just and wise solutions to the urgent challenge of climate change through multi-disciplinary problem solving, co-creation, and innovation.

Nikki is the Director of Clean Technologies in Eversource’s gas business unit. She is responsible for advancing clean technologies within the Eversource gas business portfolio to achieve Eversource’s goal of carbon neutrality by 2030 and external state mandates and targets for carbon neutrality in Connecticut and Massachusetts. As part of her role, Nikki evaluates the feasibility of various clean technologies, such as renewable natural gas, geothermal energy, methane reduction and hydrogen, and the development and execution of
projects incorporating those clean technologies. She also leads and supports policy efforts around the future of natural gas and other strategic natural gas matters to help Eversource provide reliable, safe and clean energy to meet its customers’ needs.

The Town Hall will be held on July 14h at 11:30 EDT. Please register for the event here:

IGSHPA would like to highlight news and views from our friends and partners at state geothermal associations. This month, we are happy to provide an update from the Michigan Geothermal Association.

Here is a quick update on the Michigan Geothermal Energy Association. On Earth Day, we held our annual meeting virtually. We hope to get back to a live two day conference next year. By the time you read this, most of the Covid restrictions will have been lifted in Michigan. Right now, all of our dealers are swamped with business.
MGEA has co-sponsored 4 net zero conferences with other Michigan groups. The first two were live, the last two were virtual. Over 600 people have attended these conferences explaining how to get to a net zero home or business. Our next net zero conference is Sept 30, you can go to the Green Home Institute [https://greenhomeinstitute.org/] for more information. This is scheduled to be a virtual conference and it is free, making it available to anyone on the planet. Our past conferences have had attendees from the Philippines, and New Zealand.

We are in the process of working with Lawrence Tech University on a project to do a full analysis on geothermal. This is project is being conducted by the State of Michigan. This will look at supply chain, costing, sourcing, and a complete financial analysis on the cost benefit to the State and to the Utilities. Our hope is that a positive outcome will lead to more support, funding, and resources from Michigan and the Utilities.

The biggest news is that the State of Michigan capitol building is going Geothermal. The project has been ongoing for over a year, and is nearing completion. If any politician in Lansing doesn't believe that geothermal works, all they have to do is look out their window.

Larry Kaufman
Executive Director

More News & Events

NY-GEO - Webinar Series Continues
Our friends at the New York Geothermal Energy Organization have been conducting a fantastic webinar series that deserves the attention and attendance of industry professionals across the country.
To see recordings of past webinar sessions you might have missed, please click here.

And to register for upcoming sessions (held each Tuesday at noon Eastern) please click here.

2021 07 01 - Green Affordable Housing 🏡 Online Teach-in – Noon – New Yorkers for Clean Power, NY-GEO + over 60 environmental, labor, health, housing and community-based organizations signed a letter to the New York Congressional Delegation for green affordable housing & jobs in the federal infrastructure bill. Tune in to learn about green affordable housing initiatives and how to scale up to meet NY's climate goals! Panelists include former State Senator Jen Metzger and NY-GEO board member Zach Fink. Register here.

EPRI Electrification 2021 Virtual Events

The Electric Power Research Institute (EPRI) will not be holding its previously planned, in-person event this May and has instead organized a series of in-depth, topically relevant, virtual forums that will take place in May and June.

At IGSHPA, we’re proud to serve as an official Supporting Organization of the Electric Power Research Institute’s (EPRI) Electrification 2021 Virtual Forum Series and encourage you to make a smart investment by joining us at upcoming forums on e-mobility and energy system decarbonization.
Like the successful “Building to Zero” forum – the first in the Electrification 2021 series – the two events in June will provide comprehensive coverage of the latest trends, tools and technologies to enable progress on targeted, equitable electrification solutions.

A Net-Zero Energy System for All | June 28 - 30, 2021

A Net-Zero Energy System for All. June 28-30

- Raising the Bar on Resilience
- Affordability – The Achilles’ Heel of Decarbonization?
- A Little Bit Urban, A Little Bit Rural – Decarbonization for All Communities
- Delivering on Zero-Carbon Hydrogen

For more information and to register, visit https://www.electrification2021.com/

NYC Announces Path to Utility Geothermal

On April 21, New York City Mayor Bill de Blasio announced the city’s effort to accelerate its transition from fossil fuels by supporting the deployment of geothermal heat pumps at utility scale. The city intends to identify project sites and pursue legislation that would spur deployment of the technology. NYC’s move to embrace geothermal technology represents a broader trend of building decarbonization throughout the country. New York has been a leader in this effort and continues to push the envelope for clean heating. Many other states and cities are watching and planning their own energy transitions that will
include geothermal heat pumps.

Read the press release [here](#).

**GTO is Hiring!**

Are you a general engineer or physical scientist interested in working for the Department of Energy’s Geothermal Technologies Office? GTO is currently seeking applicants for a General Engineer/Physical Scientist position to serve as a Technology Manager in the Data, Modeling, and Analysis subprogram in Golden, Colorado, or Washington, D.C.

Interested candidates can read more [here](#) and [here](#).

If you have any job postings that you would like to be included in our newsletter please send them to us at info@igshpa.org

---

**UPDATE from GeoExchange**

**Rep. Suozzi Introduces Geothermal Parity Bill**

IGSHPA’s partner, the Geothermal Exchange Organization, continues its advocacy work in Washington, D.C. On June 15, Representative Tom Suozzi introduce H.R. 3920, legislation to amend the Internal Revenue Code of 1986 to provide tax credit parity for geothermal heat pump property.

This action by a majority member of the House Ways & Means Committee sends a strong signal to the full House of the importance of this legislative provision. GEO has fought all year to raise awareness of tax credit inequity in the commercial sector. Solar technology currently receives a credit of 26% while geothermal heat pumps receive only 10%. This disparity inhibits investment in the geothermal market and hinders the development of third-party ownership models.

H.R. 3920 is a strong marker for the industry as Congress heads into major
negotiations regarding the American Families Plan, President Biden's "human infrastructure" proposal. The geothermal industry continues to work with partners on Capitol Hill to achieve not only commercial parity, but also an extension of existing credits. Success in these endeavors will give the geothermal industry a path to significant market growth.

GEO is deeply involved in the ongoing deliberations and discussions on Capitol Hill and continues to press for strong support of the geothermal industry. If you have any questions about GEO's efforts in Washington, please reach out to info@geoexchange.org.

**Announcements**

**Training Committee**
The Training Committee has been meeting regularly to discuss revisions to existing curriculum and plan for future courses. There are planned updates to the Accredited Installer course and implementation of the Certified Residential Designer course. For any questions about the work of the training committee, please send your inquiry to info@igshpa.org.

**We Need You!**
If you are willing to volunteer your time to continue to promote our industry, we are looking for your help! Please contact us at info@igshpa.org with your interest in volunteering. Please also keep your eye out for any opportunities on our website and social media feeds!

**Membership Survey**
If you have not completed the IGSHPA Membership Interests Survey, please do so at [https://forms.gle/pWyy2YbownDhHzf7](https://forms.gle/pWyy2YbownDhHzf7)

**Town Hall Topics**
We will be hosting Town Hall with Seminar events every month and welcome your suggestions for topics you’d like to hear more information on. Suggestions we have received to date include:

- Overview of the individual training classes offered by IGSHPA
- The benefits of geothermal, including lower maintenance, indoor air quality, etc.
- Commercial building, K-12 & mixed-use building case studies
The purpose of the geothermal heat pump industry is to promote a sustainable and decarbonized future across the globe through the adoption of geothermal as the cleanest, most efficient heating and cooling technology.

The mission of the geothermal heat pump industry is to promote a unified effort to encourage the adoption of geothermal by increasing understanding, awareness and adoption through:

- Federal & State government advocacy
- Utility & Electric Co-op engagement (including incentives)
- “Voice of the Industry” Consumer awareness through marketing tools & campaigns
- Resource for relevant data and information to government agencies
- Utility engagement
- Workforce development
- Promotion of the technology to the market
- State association support
- Promote decarbonization through geothermal
- Industry partnerships
- Provide technical forum
- Grassroots advocacy
- Training & Certification
- Industry Standards & Specifications
- Basic thermal energy education to the market
- Research & Development opportunities
- Provide professional continuing education

At the February Town Hall meeting, the IGSHPA Board presented a working version of its joint Vision and Mission Statement with GeoExchange. If you have thoughts or comments on this statement, please reach out, we would love to get your input.

Copyright © 2021 International Ground Source Heat Pump Association, All rights reserved.