



# Geothermal Alliance of Illinois

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Electrify Illinois, Beneficial Electrification League

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# BE potential

- Electrification is the future in Illinois... use of fossil fuels for home heating and cooling and transportation will be with us a long time. But it's not the future.
- Electrification and fossil fuel restrictions/regulations are coming. They're now reality on the east and west coasts. It's just a matter of time...
- Restrictions on NG/propane are just starting and being discussed ...in Chicagoland region.
- We can accomplish some of the same end goals without restrictive rules/codes. Using sugar instead of salt.



# GAOI facts

- Statewide trade group for the geothermal heat pump industry
- Started in 2008
- Represent about 150 members
- GAOI promotes the industry in Illinois, operates training/credentialing programs and works with utilities and other entities on programs.
- Currently working on two innovative “group buy” programs in east-central and northwest Illinois.



# Moving BE forward...

- Residential sector is important area for impactful change in regard to Climate.
  - Only significant way to make a difference in the residential sector is through:
    - **Weatherization**
    - **Heating and Cooling (geothermal)**
    - **Solar generation**
- Electrifying residential heating/cooling.***



# Moving ahead...

- Codes/efficiency requirements
- Local restrictions on NG and propane
- Incentives for electric heating programs



# Electric heat programs

- These are positive programs, as opposed to restrictive rules like .
- Programs can be both pro-utility and pro-consumer.
- These can range from Loop “lease” programs like Corn Belt’s GeoCents, to group buy/promotional programs like Jo-Carroll Energy’s group buy.
- Or rebate programs like ComEd’s geothermal rebates of \$1,000 per ton and Ameren’s commercial rebate of \$500 per ton.



# Try new things... if you do the same old thing, you get the same old result.

- Improve the final installations of your local HVAC contractors. Training and credentialing is important.
- Group Buy promotions – work with a third party like GAOI to promote installation of geothermal heat pumps.
- Set aggressive goals.



# BE/geothermal – what's in it for the utility, consumers, our world

- Load growth for the utility with reduced demand. Grow load the right way. Improved bottom line.
- Satisfied utility customers/members, who now save both energy and money.
- Help save the environment at the same time.

***Everyone is a winner here!***





# Geothermal Alliance of Illinois

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- Illinois Geothermal Conference 2023 is March 14-15, 2023, in East Peoria.

***Thank you***

