



negpa.org

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Why?

New England is Different

- ▶ Heating Dominant (extended periods)
- ▶ Cooler ground temperatures
- ▶ Geologically Diverse
 - Shallow, Hard rock
 - Thick Glacial deposits
- ▶ High Electricity Rates
- ▶ Mature Housing Stock
 - Heating Oil – Hydronic and steam systems
- ▶ Densely Populated



Vision

- ▶ Trusted clearinghouse
- ▶ Focal point for both the public and Geothermal professionals.
- ▶ Elevate awareness - Geothermal Systems on par with the other renewables.
- ▶ Comprised of companies and individuals representing all disciplines in the Geothermal Heat Pump value chain.

Mission

To educate and advocate for the advancement of the Geothermal industry in New England

To increase energy efficiency and reduce dependency on fossil fuels



Architects
Developers
Distributors
Drillers
Engineers
Geologists
Geothermal
Government
HVAC
Manufacturers
MEP
Regulators
Utilities

Current State

- ▶ **Conceived - Feb 2009**
 - Solicited input on needs and desired outcome

- ▶ **September 2010 – Kick-off meeting**
 - Board formed, by-laws written

- ▶ **Q1 2011**
 - Incorporation completed -- 501 C(6)
 - Volunteers for committees
 - Outreach underway
 - Membership Drive

Charter Members

Achieve Renewable Energy	Hydro Dynamic Engineering, LLC	Rolfe's Well Drilling
Air Water Energy Engineers	ICDS	SAK Environmental, LLC
Allied Consulting Engineering Services, Inc.	Key Heating & Air Conditioning, Inc.	Skillings & Sons, Inc.
Bill Wenzel Geothermal	MA - DEP	Smith Pump
Connecticut Valley Artesian Well	MA - Office of State Geologist	Terraclime Geothermal
CT - State Geologist	Maher Services, Inc.	Thermonexus, LLC
Desmond Well Drilling, Inc.	ME - State Geologist	Underground Energy, LLC
Engineering & Environment, Inc.	Midnight Oil Company, Inc.	US Army Corps of Engineers
Evergreen Geothermal, LLC	Newport Geothermal, LLC	Viera Artesian Well Company
Geothermal Drilling of New England	NH - DES	VT - State Geologist
Goodwin Well & Water, Inc.	P.W. Grosser Consulting, Inc.	Water Energy Distributors, Inc.
Green Mountain Geothermal, LLC	PSNH	Wellspring Energy Consulting
GZA Geoenvironmental , Inc.	R.P. O'Connell, Inc.	Wragg Bros. Well Drilling
	Rice Geothermal Systems	

Organizational Structure

Officers

President	Kevin Maher, Thermonexus, LLC
Vice President	Tracey Ogden, GDNE
Secretary	Paul Blain, MA DEP
Treasurer	Martin Orio, Water Energy Distributors

Board of Directors

Drillers	Jim Viera, Viera Artesian Well
Distributors	Carl Orio, Water Energy
Geothermal Providers	Hazard Stewart, Newport Geothermal Mark Worthington, Underground Energy, LLC Peter Rice, Rice Geothermal Systems
Engineer/Consultant	Stephen Sakakeeny, SAK Environmental Dave Lamothe, GZA Geoenvironmental
Regulatory	Joe Cerutti, MA DEP
Utility	<need to fill>

Committees

Education & Outreach

Advocacy/Government Relations

Membership

Web

Standards

Our Agenda

- ▶ A unified voice and effort to educate and advocate for Geothermal HP
- ▶ Educate the public
 - Become a trusted source - accurate, impartial, fact-based
 - Clearinghouse for information on geothermal systems in New England
 - **Agnostic to technologies.**
- ▶ Pursue means/methods to reduce/amortize capital expense
 - Low interest loans (PACE), Incentives, tax credits
 - Banks appraisals/real estate transactions – recognize asset value

Our Agenda

- ▶ Utility adoption
 - Reduced electrical rates for geothermal equipment
 - Rebates/Incentives
- ▶ Increase overall level of proficiency
 - Increase communication and coordination between disciplines
 - Define and institute best practices – develop / adopt standards
 - Provide training for members
 - **Become qualifying body for providers**

Roll-out Plan

▶ Q2 2011

- Go Live – Website & Content
- Membership drive
- Promotion and awareness
- First Full Meeting April 19, 2011 in conjunction with AGWT Geothermal Program
- Engagement with Utilities >> Incentives

Contact Information

- ▶ To become part of NEGPA
Membership @ negpa.org
- ▶ Information on NEGPA
Info @ negpa.org

Thank you !