



Date:

Thursday, March 25, 2010

Time:

3:25 - 3:50 p.m.

Presenter:

“Is Geothermal the answer for my home or business?”

Tom Niesen

Div Chair of Mfg/HVACR Lead, Gateway Technical College

An overview of the types of GeoThermal equipment, the limitations and site requirements of the various loop configurations will be covered. Also discussed will be new construction verses retrofit applications, can Geo handle the entire load and what sort of incentives are available to home owners and businesses.

Presenter Biography:

Tom Niesen

I have been involved in the HVACR field for almost 30 years. My career in GeoThermal started in the early 80's when I did R&D work for Command Aire (Heat Pump Div. of Trane) and Packless Industries (a manufacturer of tube in tUbe heat exchangers used throughout the geothermal industry). The past 17 years at Gateway as HVACR Lead and currently as Division Chair of Manufacturing. My duties for 09/10 are to write GeoThermal curriculum for our National Science Foundation Grant we were awarded in June 2009. Part of our Grant award is to develop a first of its kind GeoThermal drilling program which does not currently exist anywhere in the U.S. I am a past four time presenter at the Renewable Summit, past Co-Chair of the Geo track with Leo Udee, and have presented on various topics concerning GeoThermal in Wisconsin for the WI Building Code Inspectors, this year's B4 conference and nationally at last year's ACTE convention in Nashville. I am also working with the DNR as GeoThermal regulations move forward in the State.