

## Ken Field

Owner of Slate Belt Energy Services

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### Comfort

Comfort is a combination of several environmental factors. Temperature, humidity, air movement, and even infra-red radiation all contribute to human comfort or the lack of it. If you've ever been seated near a window in the summer time, no matter what the indoor temperature was, you were probably not comfortable. The human body transfers heat in different ways. Evaporation lowers the skin temperature and that's why we perspire. But when dry air is all around you, the moisture in your skin will evaporate even when you are not perspiring.

That is when you say the heat is drafty in a room. You can actually feel the cooling effect of the dry air. If there is more humidity in the room, the air doesn't take nearly as much moisture from your skin and that's the big reason why some furnaces have humidifiers on them. The amount of water needed in the air indoors in the winter will vary depending on how leaky the house is. If dry outdoor air is rushing through like a wind tunnel, no humidifier can work properly. In the summer if your air conditioner is too large, there is so much moisture left in the air that even when you perspire the sweat won't evaporate. That's leaves you with a clammy feeling. Mean radiant temperature (MRT) is the average temperature of all the surfaces around us. Basically, the temperature of your surroundings has more to do with how you feel than air temperature alone because you are constantly either absorbing heat or radiating it from your body. It is hard to make a room comfortable in any season without having control over more than one of the factors affecting you. An oversized furnace or air conditioner is like being thirsty and taking a drink from a fire hose. A leaky house is like a bucket with a hole in it. Not worth counting on as a means to transport water. Leaky houses are hard to condition and also hard to make comfortable. So why then doesn't someone address the leaks? Why doesn't anyone darn socks anymore or holes in clothing? Because it's too much work. Everyone is lazy and doesn't even know it. I'm getting a little too old to crawl into all the horrible tight spaces that need to be sealed up to make a house tight and energy efficient. I've been doing that for a long time. What I can say from experience is that it is worth doing. You'll know comfort when you feel it.

**Ken Field is the owner of Slate Belt Energy and Field's Service, Inc. As a certified energy rater and contractor, he is qualified to assess every aspect of energy usage and prescribe solutions to save energy. He can be reached at 610-759-6306 or email Ken@FieldsService.com**

## Troop 34 Eagle Scout

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Kondisko informed the audience that Graham is the first Eagle Scout in this newly formed Troop 34 of only four years old. He said Graham is a leader and has helped some of his scout troop members to be the next Eagle Scout. Kondisko then called the mother of Graham, Mrs. Rose to the podium to have the honor of pinning the eagle on her son.

The presentation of the Parent / Mentor Pin was done by Graham himself. He put the Parent pin on his Mother and the Mentor pin on his Father Mr. Rose. He stated he only made it thru all the steps of becoming an Eagle because of their help, guidance and love.

When Graham addressed the audience for the first time as an Eagle, he took the time to name each and every one who helped him make this big step in his life possible.

Two other awards were given to Graham by Senator Susan Wilds office (citation) and from Plainfield TWSP board, a plaque of photos of the project and thanks for enhancing the park trail system.

Graham's Eagle Scout project was to enhance the trail system that runs thru Plainfield TWSP park.



Joe Kondisko Scout Master of Troop 34 informed the audience that Graham is the first Eagle Scout in this newly formed Troop



Graham Rose accepts a citation from Susan Wilds office



Graham Rose accepts an award from Plainfield TWSP board, a plaque of photos of the project from Jane Mellert



Graham's Eagle Scout project was to enhance the trail system that runs thru Plainfield TWSP park.



Graham Rose cites the 'Eagle Oath.' along side Eagle Scouts Justin Anthony and Huston Shoup who also led the 'Eagle Charge'