Are you someone who heats with oil, propane, or a heat pump, but wants to know more before heating with wood or pellets? Is the high price of oil and propane and the predication of another cold winter getting you down? Perhaps you are interested in an inside stove or an outdoor wood boiler. Advances made in wood burning technology have dramatically improved efficiency and reduced emissions of residential stoves. This isn’t Grandpa’s smoky old wood stove! Firewood is one of the most economical forms of renewable energy available today and the use of wood pellets is increasing because they are readily available and pellet stoves are easily installed without the need of an expensive chimney.

Better yet, the Maryland Energy Administration has a wood grant program that will pay $500 toward the cost of a clean-burning wood stove and $700 toward pellet stove. This workshop will provide you the resources to help the beginner or the experienced wood user.

Below are some of the topics to be covered, but bring your questions and they will be answered!

- Advances in wood energy technology
- How to buy and install a new wood stove or boiler
- Buying and storing firewood and pellet
- How to properly season (dry) firewood
- Increasing the efficiency of wood burning units
- Wood stove audit checklist
- Improvements in wood boiler technology.
- Best practices to maximize the efficiency of outdoor wood boilers
- Sizing, underground waterline insulation, & firewood moisture.

Agenda:

7:00 Heating with Wood & Pellets: Opportunities and Challenges for Homeowners
Speaker: Jonathan Kays, Natural Resource Extension Specialist, University of Maryland Extension

8:00 Break

8:10 Perspective of the Wood & Pellet Stove Retailer
Speaker: Ray Mattingly, Manor Home Center, Mt. Lake, MD

8:35 Best Practices for Outdoor Wood Boilers
Speaker: Jonathan Kays

8:50 Evaluation and Q & A

9:00 Adjourn
Speakers:
Jonathan Kays, Natural Resources Specialist, University of Maryland Extension
Ray Mattingly, Manor Home Center, Mt. Lake, MD - local wood & pellet stove retailer

Registration: **Cost $5 per person** to cover cost of materials. Make checks payable to Garrett County EAC and mail to: *Garrett County UM Extension; 1916 Maryland Highway, Suite A, Mt. Lake, MD 21550*. **Please register by November 3, 2014.** For assistance with registration contact Susan Coddington at susanp@umd.edu or call 301-334-6960. For further information about the workshop contact Jonathan Kays at jkays@umd.edu or call 301-432-2767 x323.

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