

## 2012 Peninsula Biomass Vendor Directory



**Maine Energy Systems**  
www.maineenergysystems.com

8 Airport Rd  
Bethel, ME 04217  
(207) 824-6749 phone

Products: Manufacturing and sales of fully automated wood pellet central heating systems

**Sundog Solar Store**  
www.SundogSolarStore.com

Chuck Piper  
18 East Main St.  
Searsport, ME 04974  
(207) 548-1100 phone

Products: Sales & installation of Pellergy Pellet Boiler & Woodmaster Wood/Pellet Boiler

**Blue Hill Plumbing & Heating**  
www.maineenergysystems.com

Darin Gray  
322 Union St.  
Blue Hill, ME 04614  
(207) 374-5166 phone

Products: Installation of fully automatic pellet fired hot water Okofen boilers now manufactured by MESys in Bethel, Maine.

**Solartechnic Contractors, Inc.**  
www.solartechniccontractors.com

Clayton Cole  
234 W. Corinth Rd  
Corinth, ME 04427  
(207) 285-7886 phone

Products: Auto wood pellet boilers, gasification wood boilers and storage systems



**JD Newcomb Plumbing and Heating**  
www.jdrenewableheat.com

Jacob Newcomb  
45 Hermon Heights  
Hermon, ME 04401  
(207) 299-7767 phone

Products: General plumbing and heating, gas and solid fuel heating systems (including Tarm), gas fireplaces, HVAC

*The information in this guide was provided by customers, manufacturers and installers. Perform due diligence before making any final decision. Maine Rural Partners neither represents nor endorses any manufacturer, product or vendor.*

### Help promote smart energy solutions for Maine!

Share your successes or challenges with energy efficiency or renewable technology so we can all learn.  
Or tell us about a vendor or installation that we should add to this guide.  
Contact Claudia Lowd at (207) 581-4523 or [CleanEnergy@MaineRural.org](mailto:CleanEnergy@MaineRural.org).

**Find more energy resources you can use at [www.MaineRural.org](http://www.MaineRural.org).  
Or, for inspiring stories from Mainers who've used ingenuity to power their lives visit [www.MaineRural.org/InspireME](http://www.MaineRural.org/InspireME)**



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## Biomass Buyers' Guide 2012



**Why Wood?** Burning wood is not only good for your wallet, but smart for our local economy. Wood is Maine's most abundant fuel source. Heating with wood supports local vendors, pellet manufacturers and the forestry industry. Heating capacity varies greatly based on insulation of your living space. Consider having an energy audit prior to your purchase. Also, know your installer and ensure that they will continue to service your equipment after installation.



**Maine Rural Partners**  
Strengthening our rural community





# Boiler Systems = Hot Water

Wood fired boiler systems work like traditional heating systems. They create hot water and replace or supplement existing oil fired hydronic systems. You can still use the same baseboard and thermostat. New systems require minimal effort, cleaning, or servicing. Bulk pellet delivery is now a reality in Maine and pneumatic self feeding augers means that no bags need to be dumped into a hopper. We currently have three pellet manufacturers in Maine, so consider “buying Maine” and keep the money local. Recent research shows that New England pellets burn cleaner, reducing the amount of required cleaning and maintenance.



**Maine Energy Systems Pellet Boiler**  
 (formerly OkeFen, now built in ME)  
[www.maineenergysystems.com](http://www.maineenergysystems.com)  
**Application:** Business/Home  
**Approximate Cost:** \$35,000 approx. installed  
**Heating Capacity:** 5,000 sq/ft  
**Burn Rate:** 41,000 BTU/hr-191,000 BTU/hr  
**Hopper Capacity:** 5.5 tons  
**Additional Information:** From Maine Energy Systems, Bethel. Two smaller boilers are more efficient than using a single large boiler. Full heating capacity is only required 7-10 days per year. A home likely uses a single boiler.  
**Featured Installation:** Blue Hill Library, two boiler system



**FleXilo Bag Storage**  
[www.maineenergysystems.com](http://www.maineenergysystems.com)  
**Application:** Business  
**Approximate Cost:** Typically included in system cost  
**Storage Capacity:** 5.5 tons  
**Additional Information:** Antistatic, wire-reinforced textile material, dust proof; can be installed outdoors if adequately protected from rain and UV. Can be used with vacuum or auger transport.  
**Featured Installation:** Blue Hill Library basement



**Maxim Central Boiler**  
[www.centralboiler.com](http://www.centralboiler.com)  
**Application:** Business/Home  
**Approximate Cost:** \$6,000 (2006)  
**Heating Capacity:** 4,300 sq. ft  
**Hopper Capacity:** 600 lbs  
**Additional Information:** Central Boiler Maxim outdoor wood pellet and corn furnace, from Colebrook Plumbing & Heating Inc, Colebrook NH, installed by Mike Roy. Heats the home and two apartments. Uses 12 tons of pellets a year.  
**Featured Installation:** Mike Roy’s Home, Brooklin

# Stoves & Furnaces = Hot Air

Cord wood stoves are a part of Maine’s heritage that is not going away anytime soon. What’s new are pellets. A pellet stove can use an existing chimney or power vent right out the wall. These stoves can be thermostatically controlled and self-feeding, with limited cleaning and maintenance. When buying pellets, consider the greater economic impact of choosing Maine products. When buying cord wood, it is important to ask the seller if the wood is seasoned or unseasoned, and the average size of each log because stove dimensions vary. Remember to store the majority of your cord wood outside to avoid structural damage to your home via wood rot or carpenter ants.



**Quadrafire Mount Vernon AE Pellet Stove**  
[www.quadrafire.com](http://www.quadrafire.com)  
**Application:** Business/Home  
**Approximate Cost:** \$4,000-\$4,500  
**Heating Capacity:** 1,300- 2,900 sq/ft  
**Burn Rate:** 60,000 BTUs  
**Hopper Capacity:** 80 lb hopper  
**Additional information:** McVety’s Hearth & Home, Bangor. Uses 1-1.5 bags of pellets a day to heat the cafe, often time residual heat is used to heat the store. Purchases pellets from Tractor Supply  
**Featured Installation:** Villiage Cafe, Brooklin



**Harman PF 100**  
[www.harmanstoves.com](http://www.harmanstoves.com)  
**Application:** Home  
**Approximate Cost:** \$2,000 used (\$5,400 new)  
**Heating Capacity:** 2,500 sq. ft.  
**Burn Rate:** up to 112,000 BTUs  
**Hopper Capacity:** 160 lbs  
**Additional information:** Using Maine made pellets. Pulled out his oil fired system. Thinking he will sell pellets out of the store next year.  
**Featured Information:** Brooklin General Store, Brooklin



**Vermont Castings**  
[www.vermontcastings.com](http://www.vermontcastings.com)  
**Application:** Home  
**Approximate Cost:** \$2,200  
**Heating Capacity:** Primary living space (1,500 sq ft)  
**Burn Rate:** 2.5 to 3 cords per year  
**Additional information:** Purchased second hand. Had an energy audit prior to installation added additional insulation. Now the stove is used as the primary source of heat for the entire home.  
**Featured Installation:** Home of Ron Poitras and Jan Hitchcock, Surry