



Wood Biomass Heating Resources

Provided by the Balancing Economic Development and Environmental Stewardship Team
Check CarrollCountyUnited.org for additional links to resources.

How Wood Biomass works:

“Life of a biomass boiler” You Tube Video. The video walks you through the biomass (wood-chip) system at the Howard Dean Educational Center in Springfield, VT. Go to You Tube and search for it or type in this link <http://www.youtube.com/watch?v=t6AyKQOY4C0>

Biomass Supply Chain – See how the biomass supply chain works; a local heating supply. (Vermont video). http://www.youtube.com/watch?v=YDRmhpq_ge0

Resources:

BERC – Biomass Energy Resource Center -This is a great resource for schools and towns considering biomass heat. Find Biomass Fact Sheets and FAQ's as well as case studies of schools, communities, businesses and farms using of biomass for heat & electricity. Contact: P.O. Box 1611 Montpelier, VT 05601 • 802.223.7770 • info@biomasscenter.org
www.biomasscenter.org

North Country RC&D Area Council – see their comprehensive “Community Roadmap to Renewable Woody Energy Biomass Energy” guidebook. Download it at <http://www.nhrccd.net>. The FAQ section on Pages 25-30 is an excellent resource for basic questions. Also, ask for a copy of their new publication, “Wood Biomass for Heat and Power” which lists several NH projects.
Contact: 2 Airport Road, Unit 1, Gilford, NH 03249 • (603) 527-2093 • rdemark.ncrcd@metrocast.net

Northern Forest Center - See their “Biomass Visual Index” for NH for a big picture look at what is going on throughout the state.
Contact: PO Box 210, Concord, NH 03302-0210 PO Box 210, Concord, NH 03302-0210 • www.northernforest.org/default/nh.html

NH Energy Smart Schools Program- “Benchmarking” is your first step to understanding and reducing energy consumption. Schools that have participated in energy benchmarking programs have demonstrated an approximate 20 percent decrease in overall energy use.” Input your schools square footage, energy systems and current energy costs into this on-line tool and get feedback on current efficiency levels and practical suggestions on reducing energy costs.
<http://www.nhschoolbenchmarking.com/>

NH Sustainable Energy Association

<http://www.nhsea.org/index.php>

Contact: 54 Portsmouth Street, Concord, NH 03301 • Tel: (603)-226-4732

Plymouth Area Renewable Energy Initiative (PAREI) - encourages energy conservation and energy efficiency practices and promotes the use of renewable energy. Volunteer “solar raisers” are one of their signature activities.

Contact: PO Box 753, Plymouth, NH 03264 • Tel: 603-536-5030 • <http://www.plymouthenergy.org/>

NH Examples:

Information about Winnisquam High School's experience with Biomass (Wood chip)

<http://www.winnisquambiomass.com/biomass.html>

NH Forest Service in Campton - This Forest Service property includes a pellet heat system as well as other green systems. Find out more at

http://www.fs.fed.us/r9/forests/white_mountain/what_makes_wmnhq_green.pdf.

Weeks Medical Center – Lancaster NH

<http://www.weeksmedical.org/news-and-events/news/Biomass-Boiler-On-Line-at-Weeks-Medical-Center>

Society for the Protection of NH Forests – Green Building (Solar & wood chip), Concord, NH

<http://www.forestssociety.org/ourproperties/ac-conservation-center.asp>

Diprizio Pine at LaValley/Middleton Lumber Supply - Middleton, NH

Wood biomass heat & steam generated electricity. <http://dipriziopine.com/news.php>

Possible Funding Sources for schools or municipalities - Funding sources change rapidly depending on the availability of funds. There are examples of new loan sources being developed that make financing projects more feasible than traditional sources.

Community Development Finance Authority (CDFA) Municipal Energy Reduction Fund –

Low interest revolving loan fund that supports town buildings (town hall, public works, library, fire houses, police etc.) and county buildings (including nursing homes and prisons, etc.). Brian Pilcher (603-717-9106) http://www.nhcdfa.org/web/erp/merf/merf_overview.html

Contact: 14 Dixon Ave, Suite 102, Concord, NH, 03301 • Tel: (603)226-2170.

USDA Rural Development – a variety of energy related grants could be found at the following

website: http://www.rurdev.usda.gov/RD_Grants.html

The New Hampshire Public Utilities Commission (PUC or Commission) - Grants or rebates

for renewable energy generation projects in the commercial and industrial (non-residential) sector from – wood, solar, etc. <http://www.puc.nh.gov/>

Other Energy Funding - Solar Rebates (non-residential in NH) can be found at this

website: <http://www.puc.nh.gov/Sustainable%20Energy/RenewableEnergyRebates-CI.html>

Balancing Economic Development & Environmental Stewardship

Team Goal:

Community members steward both a vibrant economy and our human and natural resources so that all generations thrive.

Co-chairs: Noreen Downs & Raymond O'Brien



Carroll County United

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Carroll County United is an initiative of the Lakes Region United Way.

