

INRS
20-220 Depot Street, Suite 3
Peterborough, NH 03458



New Hampshire Biomass Boiler Operator's Workshop



April 24, 2014
**Merrimack Valley
High School**
105 Village Street
Penacook, NH 03303
8:00 - 1:30 PM

Directions to Merrimack Valley High School, Penacook, NH (Penacook is a section of Concord)

- Exit 17 I93 north or south
- Route 4 west to roundabout-about 1 mile
- Turn toward Penacook, go 0.7 miles
- Turn left on Community Drive
- High School at end of Community Drive

Workshop is in cafeteria

This workshop is sponsored by:
US Dept. of Agriculture
North Country RC&D
New Hampshire Wood Energy Council
UNH Cooperative Extension



UNIVERSITY
of **NEW HAMPSHIRE**
Cooperative Extension

The University of New Hampshire Cooperative Extension is an equal opportunity educator and employer. UNH, U.S. Dept. of Agriculture and New Hampshire counties cooperating.

New Hampshire Biomass Boiler Operator's Workshop

This free workshop is for facilities directors, boiler engineers, maintenance managers and others with the responsibility for operating commercial, institutional and industrial scale wood pellet and chip boilers. The purpose is to share information on the operation, performance, maintenance, troubleshooting and to gain insight on how to achieve better performance at lower operating costs with longer boiler life. A very informative workshop for anyone considering installing a biomass heating system as well.

Agenda

- 8 - 9:00 am Registration and continental breakfast
- 9:00 am Welcome – NHWEC Facilitator (Sarah Smith, UNH Cooperative Extension)
- 9:10 am Keynote speaker – Rep. Ian Raymond, House Science Technology & Energy Committee
- 9:30 am Open roundtable – introductions, expectations and interests of target audience-Facilitated by Sarah Smith and Charlie Niebling, INRS
- 10:15 am Break – social time
- 10:30 am Case Studies, 4 projects (10 minutes each), 20 min. Q&A
Moderated by Charlie Niebling, INRS
Pleasantview Gardens - Russ Elkins (Wood chip)
Littleton Regional Healthcare - Henri Wante/Dick Blanchard (Wood chip)
Mascoma Schools - (Wood Pellet)
Flying Goose Brew Pub -Tom Mills/Ted Fountain (Wood Pellet)
- 11:30 am Panel discussion: important issues of the day for boiler operators
Moderator: Charlie Niebling, INRS
Todd Moore, NH DES, (Emissions)
Shelagh Connelly, Resource Management Inc. (Wood ash handling)
Barbara Bernstein, NH PUC (Thermal RPS and other support)
- 12:30 pm Lunch
- 1:00 pm Closing comments – feedback on session, discussion of email network/forum, future events/tours, formation of an informal advisory committee, written evaluation
- 1:30 pm Optional tour of Merrimack Valley Biomass District Heating Plant, Neal Barry, Merrimack Valley High School

Registration Form -New Hampshire Biomass Boiler Operator's Workshop

REGISTRATION DEADLINE: APRIL 14

The program is free. We do ask that you register so that we can have a count for lunch.

Please register with your names by:

Phone: 603-784-5034

Email: ellingwood@inrslc.com

On-line:

<http://bit.ly/NHBoilerOperatorWorkshop>

Or - Fill out the registration form and mail to: INRSLC

**20-220 Depot St. , Suite 3
Peterborough, NH 03458**

Name _____

Address _____

City _____ **State** _____ **Zip** _____

Phone _____

Email _____

Questions about the program?

Sarah Smith 862-2647

sarah.smith@unh.edu

Charlie Niebling 965-5434

niebling@inrslc.com

Questions about registration?

Hannah Ellingwood 784-5034

ellingwood@inrslc.com

NOTE: If you have special needs in order to participate in this program, please contact us 2 weeks in advance of the program date informing us of your need, to allow us time to make the necessary arrangements. Thank you.