

Workshop Sponsors

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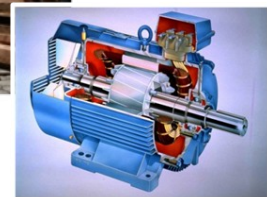


National Hardwood Lumber Assoc.



DEPARTMENT OF WOOD SCIENCE
AND FOREST PRODUCTS
1650 Ramble Road
Blacksburg, VA 24061

A Competitive Edge: Reducing Energy Costs in Hardwood Manufacturing



MARCH 22, 2011
WERC PRINCETON, WV

Why attend?

Energy expenses are the third largest cost for the US forest products industries, after raw materials and labor. Over the last decade, electricity prices have risen at an average annual rate of 1.4%, diesel prices by 9.3%, and prices for natural gas for industrial use by more than 100%. Natural gas and electricity account for about two fifths of total energy consumption of the wood products industry.

These higher energy costs undoubtedly negatively impact the industries profitability, which has also been significantly impacted by other issues such as hardwood stumpage prices, higher transportation costs, increasing government regulations, a challenging economic situation, and the ongoing globalization of markets. Given the trajectory of energy prices and the energy intensity of the US hardwood industry, energy consumption and the resulting costs, strategies to reduce energy consumption should be a priority issue in order for our industry to remain competitive.

What's the workshop about?

Those attending the workshop will learn how to increase energy efficiency and about the impact of rising energy costs on the wood products industry. Participants will gain the knowledge needed to implement an energy management program to reduce energy costs to their wood products firm.

Tentative Program

8:00a.m.	- 8:30a.m.	Registration and breakfast
8:30a.m.	- 8:45a.m.	Opening remarks
8:45a.m.	- 9:30a.m.	Energy profile and impact of energy costs on the wood products industry
9:30a.m.	- 9:45a.m.	Break
9:45a.m.	- 10:45a.m.	Energy assessment services
10:45a.m.	- 12:15p.m.	Thermal energy saving opportunities
12:15a.m.	- 1:15p.m.	Lunch
1:15p.m.	- 2:30p.m.	Comprehensive energy management for wood products organizations
2:30p.m.	- 3:30p.m.	Reducing energy use in kiln drying
3:30p.m.	- 3:45p.m.	Break
3:45p.m.	- 4:15p.m.	Energy savings using lean thinking
4:15p.m.		Closing remarks and adjourn

Who should attend?

- General managers, plant managers, plant supervisors, maintenance supervisors, kiln operators
- Owners and managers of Small to Medium wood products firms
- Personnel related to local organizations that support development of wood products industries

Location and dates

Time: 8:00 a.m. to 4:30 p.m.

Date: March 22, 2012

Location: USDA Forest Service

Wood Education & Resource Center
301 Hardwood Lane
Princeton, WV 24074

Investment: \$50. Includes coffee breaks, lunch and workshop materials.

Registration

Online at:

<http://www.cpe.vt.edu/reg/rec/>

More Information

Please contact Brian Bond at (540) 231-8752, email bbond@vt.edu or Angela Riegel at (540) 231-7107, email at ariegel@vt.edu