

# **Biomass Thermal Energy Council: The Latest and Greatest**

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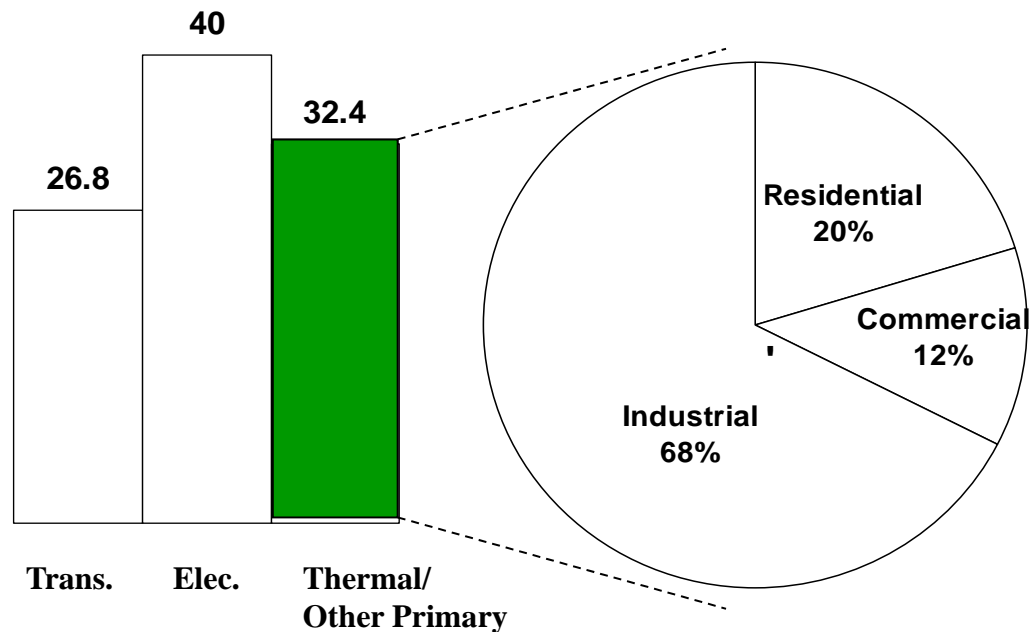
Heating the Northeast with Renewable Biomass  
*April 14, 2011*

## What is BTEC?

- The Biomass Thermal Energy Council (BTEC) is a nonprofit association dedicated to advancing the use of **biomass for heat** and other thermal energy applications.
- BTEC engages in research, education, and public advocacy for the fast growing biomass thermal energy industry.

# Thermal: Roughly 1/3 of Our Energy Demand

**Energy Use by Sector**



Source: US Energy Information Administration

## Renewable Energy Policy: The Rule of Three

1. Electricity
2. Transportation Fuels
3. See one and two.



**What about thermal??**



## 2009: Building a national voice for the industry



## BTEC's objectives

- To **serve as an advocate** for the biomass thermal energy industry
- To **give biomass thermal a voice** in the energy policy debate in Washington and beyond
- To **educate the public and decision makers** on the benefits and advantages of using biomass for thermal energy

**This is great, but...**

**What does this mean for me?**

**Why should I care?**

## The advantages of biomass thermal are real

1. A domestic, renewable resource
2. Creates much needed jobs
3. Offsets fossil fuels
4. Reduces our reliance on oil imports

**But it's not you that needs convincing**

# “Three yards and a cloud of dust”



## Government Affairs

Many wins, big and small

- **Boiler MACT:** Helped secure more reasonable EPA emission standards for biomass boilers



- **Senate CES White Paper:**

Should the standard be focused solely on electricity generation, or is there a role for other clean energy technologies that could displace electricity, such as biomass-to-thermal energy?

- *White Paper on a Clean Energy Standard, Sens. Jeff Bingaman and Lisa Murkowski, March 21, 2011*

- **Tax Incentive and Thermal Credit Legislation**
- **Biomass Caucus**
- **Congressional Research Service Meeting**

## Education & Outreach

Reaching new audiences, raising awareness, and educating the public

○ **Webinars an unqualified success**

- Over 1000 unique attendees over four events
- Several hundred repeat participants
- Industry, nonprofits, government all represented

○ **Podcast interview series launched**

- Interviews with biomass industry leaders

○ **Factsheets and presentation**



## Where we're going

- **Continuing to fight the good fight**
- **Educating Building Professionals**
  - 2011 WERC Grant Proposal: Healthier Forests Through Sustainable Energy – Building Professional Consensus
- **Market Data and National Vision**
- **Helping develop regional groups**
- **Agricultural biomass working group**

A3 Energy Partners  
 Abundant Power  
 ACT Bioenergy  
 Alliance for Green Heat  
 American Agriculture Movement  
 American Wood Fibers  
 APEX  
 Bear Mountain Forest Products  
 Beaver Wood Energy  
 Biomass Combustion Systems  
 Biomass Commodities Corporation  
 Biomass Energy Resource Center  
 Biomass Energy Works  
 Biowood Energy  
 Chip Energy  
 Clean Power Development  
 Comact Equipment  
 Confluence Energy  
 Control Labs  
 Corinth Wood Pellet  
 Cousineau Forest Products  
 Dejno's  
 Ecostrat  
 EnTec Works  
 Enviva Materials  
 Ernst Biomass  
 Ewing Bemiss & Co.  
 Fuel Pellet Technologies  
 Forest Energy Corporation  
 Froling Energy

Fröling GmbH  
 Fuel Pellet Technologies  
 Fulton Companies  
 FutureMetrics  
 Gavilon Group  
 Green Clean Heat  
 Indeck Ladysmith  
 Innovative Natural Resource Solutions  
 Integrated Biomass Resources  
 International Renewable Energy Technology Institute  
 International Silica Technologies  
 International WoodFuels  
 Jesse E. Lyman Pellets  
 Krieg DeVault  
 Lignetics of Virginia  
 Maine Energy Systems  
 Maine Pellet Fuels Association  
 Marth  
 Montana Community Development Corporation  
 National Network of Forest Practitioners  
 New England Wood Pellet  
 New Horizon  
 Northeast Mill Services  
 Ontario Sawdust Supplies  
 Oregon Forest Industries Council  
 Paraclete Bioenergy  
 Piney Woods Pellets  
 Plum Creek  
 PowerStock  
 Pratt & Whitney Power Systems – Turboden

Price BIOStock  
 Proe Power Systems  
 Public Policy Virginia  
 Rainforest Alliance  
 Resource Professionals Group  
 Richmond Energy Associates  
 Sandri Companies  
 Santa Energy Corporation  
 Scandtec  
 Sewall Company  
 Skanden Energy  
 Southland Bio Energy  
 State of Montana DNRC  
 State University of New York (SUNY – ESF)  
 Tarm Biomass  
 Twin Ports Testing  
 Vapor Locomotive Company  
 Vecoplan  
 Vermont Wood Pellet  
 Viability  
 Viessmann  
 West Oregon Wood Products  
 Western Ag Enterprises  
 Westervelt Renewable Energy  
 Wilson Engineering Services  
 WoodFuels Virginia  
 WoodPellets.com  
 Woodstone  
 Zilkha Biomass Energy





“Is it ignorance or apathy? Hey, I don’t know and I don’t care.”

## Thank You

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- Talk to current BTEC members
- Come to our booth!
- Visit our website: [www.biomassthermal.org](http://www.biomassthermal.org)