









# Proven Reliability:

377
Residential systems installed

**162** 

Commercial/institutional systems installed <sup>1</sup>

1500 jobs <sup>2</sup> & 1 Pellet mill in the State of Vermont (1 expected in 2018)



- ✓ Local wood for heating keeps energy dollars local
- ✓ Supports jobs for neighbors
- ✓ Reduces carbon emissions
- Keeps forests viable and sustainably managed
- ✓ Fuel price stability and long term savings

## Help Vermonters grow their energy independence:

- ☐ Implement a state sales tax exemption on the purchase of advanced wood heating equipment and fuel (H.357; S.276).
- ☐ Maintain funding for the Clean Energy Development Fund and Working Lands and streamline financing and incentives.
- ☐ Increase the number of HVAC installers that can install and maintain advanced wood systems.

Achieving **35%** of Vermont's thermal heating needs through increased advanced wood heating by **2030**:

Will displace **40** million gallons of fossil fuel (at \$3.00 a gallon is **\$120,000,000** saved a year).

For every **1,500** tons of pellet mill capacity, **1** new full time job is created **580** new jobs in

Vermont.3

Measureable progress towards 90% total renewable energy and 75% climate pollution reduction.

"Wood fuel is an affordable option that stimulates the economy by supporting local businesses."

Governor Phil Scott

Creates jobs in forestry, logging, pellet manufacturing and trucking.

\$.78 cents of every dollar we spend on imported fossil fuels leaves the region.

Instead of sending **\$131 million** out of state every year on heating oil, delivery, and jobs, we will be reinvesting **\$70 million** annually back into our local economy with local jobs and local fuel sources.<sup>4</sup>

## What is Advanced Wood Heat?







Cordwood system

Pellet system

Woodchip system

#### Advanced wood heating:

- 1) Utilizes highly efficient combustion technology
- 2) EPA certified negligible emissions
- 3) Supports healthy forest ecosystems
- 4) Utilizes local wood

### Who We Are:

Biomass Energy Resource Center

Bourne's Energy

Calfee Woodland Management LLC

Cutting Edge Energy Systems

Forward Thinking Consultants LLC

Gagnon Lumber

Green Mountain Club

Hardwood Forestry Services, Inc.

**Housing Vermont** 

Innovative Natural Resource Solutions LLC

LandVest Timberland

Long Meadow Resource Management LLC

Lyme Green Heat Inc.

New England Wood Pellet LLC

North Woods Forestry

Northern Forest Center

Maine Energy Systems

Meadowsend Timberlands, LTD

Pellergy

Renewable Energy Vermont

**Sunwood Biomass** 

Tarm Biomass

**USDA** Forest Service

Vermont Agency of Commerce &

**Community Development** 

**Vermont Conservation Voters** 

Vermont Department of Buildings &

**General Services** 

Vermont Department of Forests Parks

& Recreation

Vermont Energy Investment Co.

Vermont Natural Resources Council

Vermont Renewable Fuels

Vermont Sustainable Jobs Fund

Vermont Woodlands Association

Watson Research



<sup>&</sup>lt;sup>1</sup> Vermont Department of Public Service Wood Heating Baseline Report

<sup>&</sup>lt;sup>2</sup>Vermont Department of Public Service Vermont Clean Energy Industry Report

<sup>&</sup>lt;sup>3</sup>Biomass Energy Resource Center analysis

<sup>&</sup>lt;sup>4</sup>Biomass Energy Resource Center analysis using EIA and regional fuel price 2016 data