

WOOD IS GOOD



Proven Reliability in Vermont:

3

Pellet mills in the Vermont

300

Wood pellet systems installed

120

Wood chip systems installed

Approximately **1,550** employees¹

- ✓ 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



Every dollar spent on wood pellets stays in Vermont

- ➡ Creating 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, we will be re-investing **\$70 million** annually back into our local economy with local fuel sources.²

If we achieve **35%** of Vermont's thermal heating needs through advanced wood heating by **2030**:

Will displace **40** million gallons of fossil fuel, saving **\$120,000,000** a year

Will create **580** new jobs in Vermont³

Measureable progress towards State Energy Goal of **90%** total energy from renewables

Meeting Vermont's Clean Energy & Climate Goals:

- ✓ Increase use of renewable fuels and efficiency to **30%** by **2025** in Vermont's buildings and industrial applications
- ✓ Achieve **35%** of Vermont's thermal heating needs through advanced wood heating by **2030**

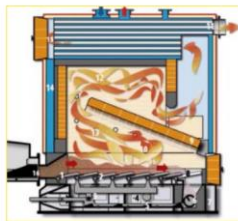
What is Advanced Wood Heat?



Cordwood system



Pellet system



Woodchip system

Advanced wood heating:

- 1) Utilizes highly efficient combustion technology
- 2) Produces low levels of emissions
- 3) Supports healthy forest ecosystems
- 4) Uses local wood⁴

Renewable Energy Vermont Biomass Members:

AFS Energy Systems
Better World Energy, LLC
Biomass Energy Resource Center
Bourne's Energy
Cutting Edge Energy Systems
Forward Thinking Consulting Service, LLC
Gagnon Lumber
Long Meadow Resource Management, LLC
Meadowsend Timberlands Ltd.
Pellergy, LLC
Sunwood Systems
Tarm Biomass
Vermont Renewable Fuels
Vermont Wood Pellet
Watson Research



¹ Vermont Department of Public Service, Vermont Clean Energy Industry Report, 2016

² Biomass Energy Resource Center analysis using EIA and regional fuel price 2016 data

³ Biomass Energy Resource Center

⁴ Clean Energy Development Fund Annual Report, FY 2015