

Wood Pellets in West Virginia



Governor's Energy Summit

Presented by

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General Manager

Appalachian Wood Pellets Inc.

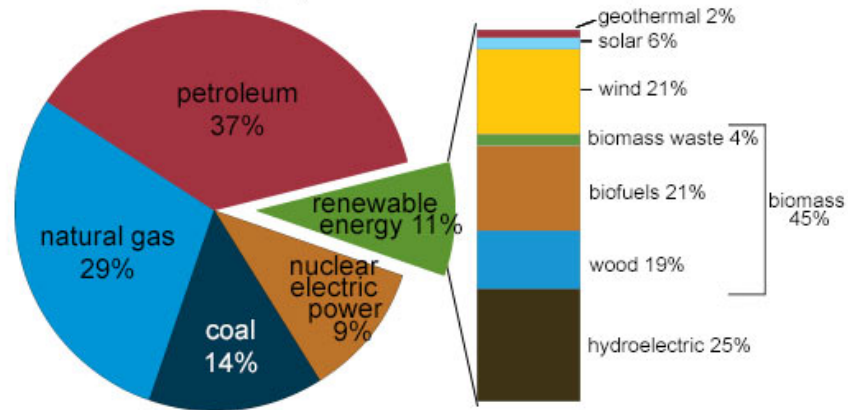
Kingwood, West Virginia

U.S. Energy Consumption



U.S. energy consumption by energy source, 2017

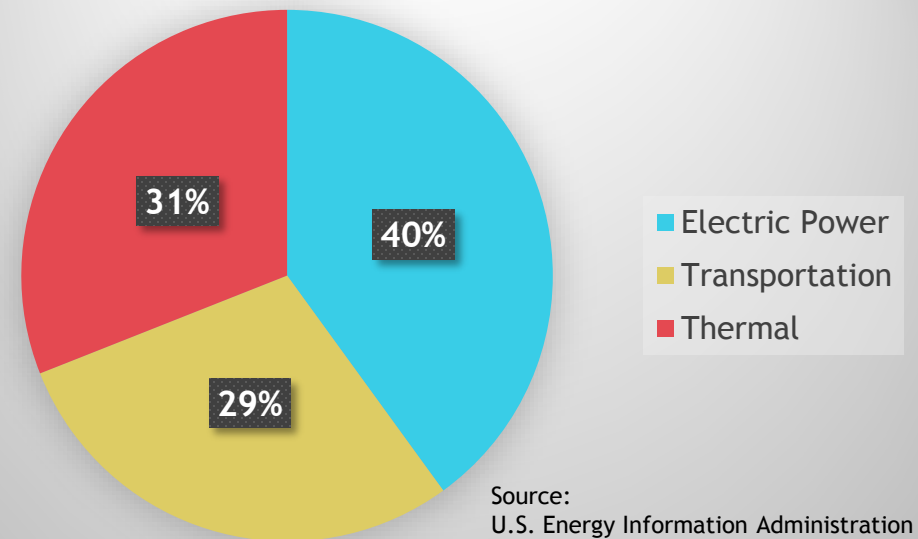
Total = 97.7 quadrillion
British thermal units (Btu)



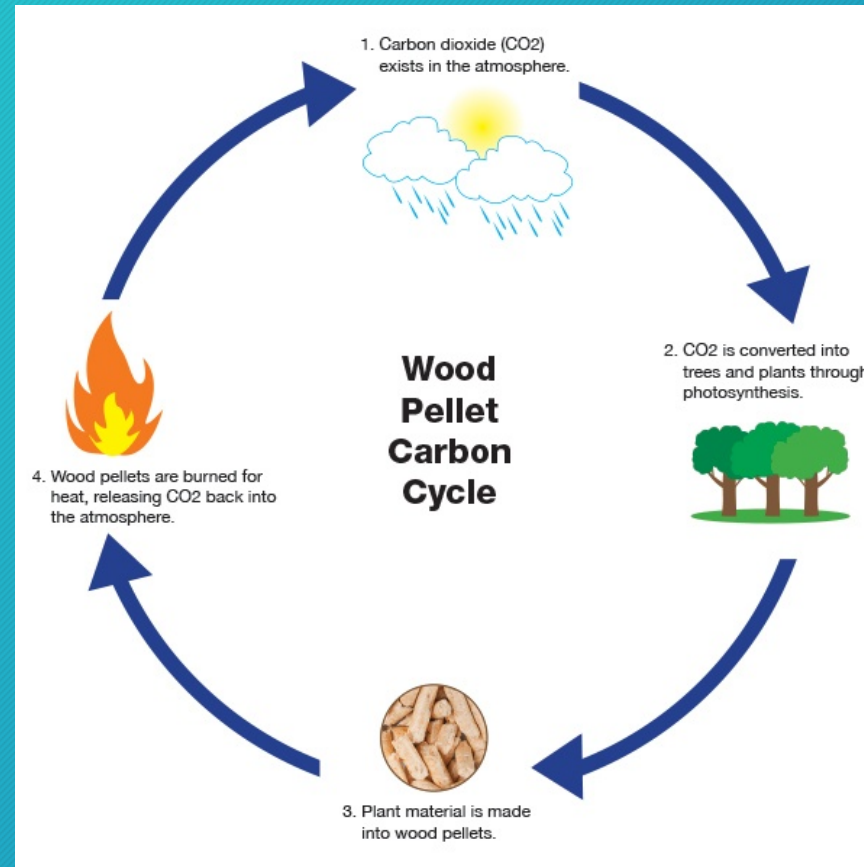
Note: Sum of components may not equal 100% because of independent rounding.
Source: U.S. Energy Information Administration, *Monthly Energy Review*, Table 1.3 and 10.1, April 2018, preliminary data



U.S. Energy Consumption



Clean Alternative to Fossil Fuels



Residential Applications



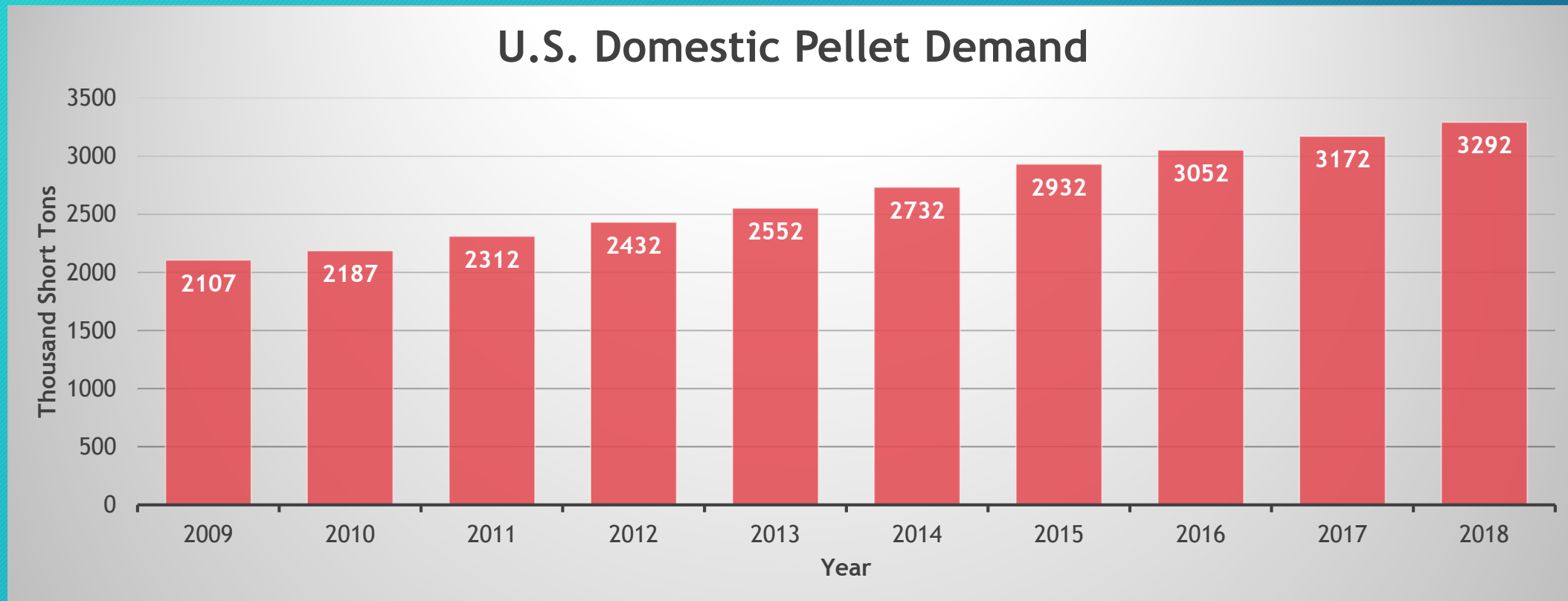
Home Heating



Outdoor Cooking, Smoking, and Grilling



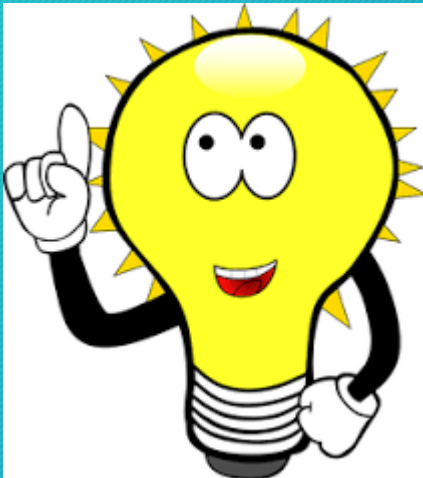
U.S. Domestic Market



Source: RISI

Fuel Value

Did you know?



According to the US Energy Information Administration One ton of pellets has the energy equivalency of 2.8 barrels of #2 fuel oil

Environmental Facts



Commercial Applications



Agricultural Applications



Energy Production



Studstrup Power Station
Denmark



Now Fueled entirely by wood pellets

Selby Power Station
North Yorkshire, UK

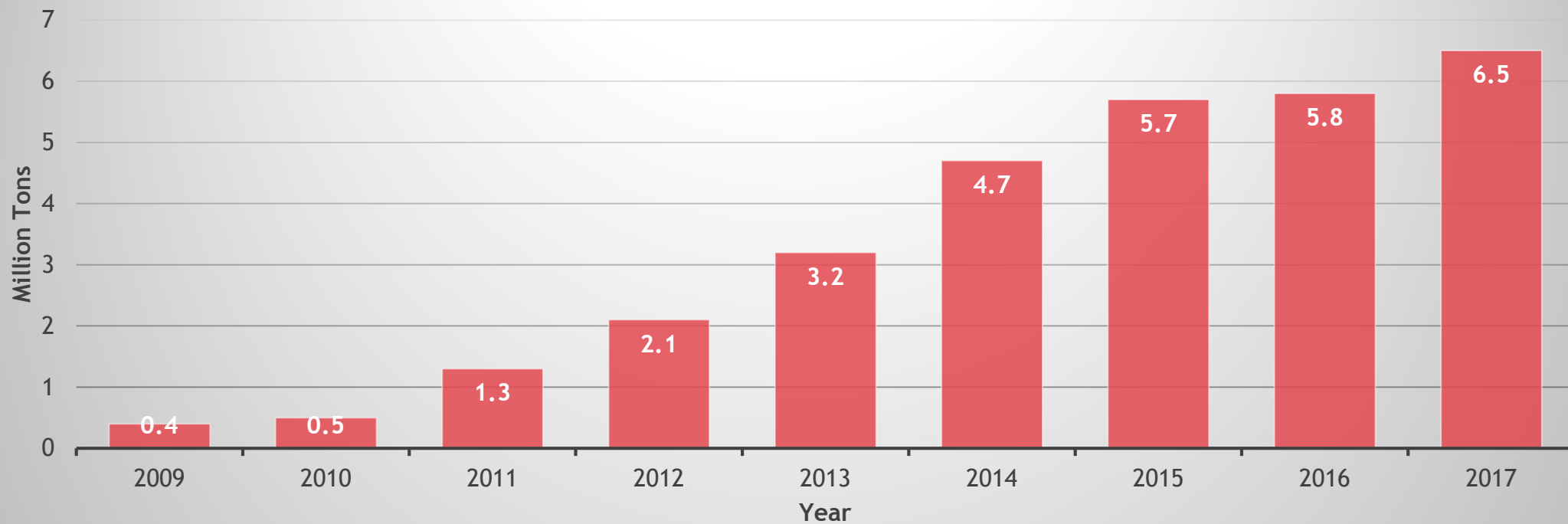


Three of Six units converted to wood pellets

U.S. Wood Pellet Exports



Pellets Exported to EU Utilities



Source: RISI

Opportunities for West Virginia



- Clean alternative to fossil fuels
- Waste reduction in wood related industries
 - Rural area development
- Valuable commodity in-state and beyond

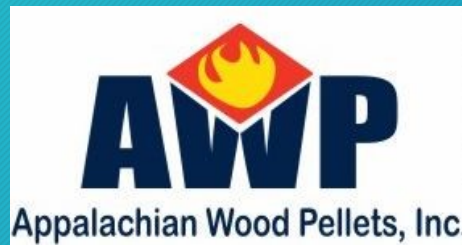
West Virginia Pellet Producers



West Virginia has three major pellet manufacturers



Hamer Pellet Fuel Company
Elkins, West Virginia



Appalachian Wood Pellets, Inc.
Kingwood, West Virginia



Lignetics, Inc.
Linn, West Virginia

- Employing 65 people- Jobs for rural West Virginians
- Over 40 years of experience producing pellets for West Virginia, Northeastern, and Mid-Atlantic states, and Canada.

Invest in our Future



The wood pellet industry facilitates the creation and development of green jobs while helping our nation meet it's energy objectives.

