

# Wood Heating Works in ALASKA!

## Wood Heating Provides Local Jobs

Communities operating biomass boilers utilize locally sourced wood fuels that provide employment opportunities. Biomass boilers support the local economy keeping money within the communities served.



Biomass boilers keep locals employed year round.

## Wood Heat Benefits Local Food Sources

District heating loops using woody biomass create opportunities not otherwise possible. Biomass heated greenhouses offer year-round sources of local produce in rural communities.



"I like the idea of doing something innovative in my community."  
—Will Anderson, Kikiktagruk

## Wood Heating Reduces Wildfire Risk

Removing damaged and diseased trees for biomass heating reduces ground fuels that increase the risk of wildfires. The reduced fuel load also lessens the financial burden of fighting wildfire in Alaska.

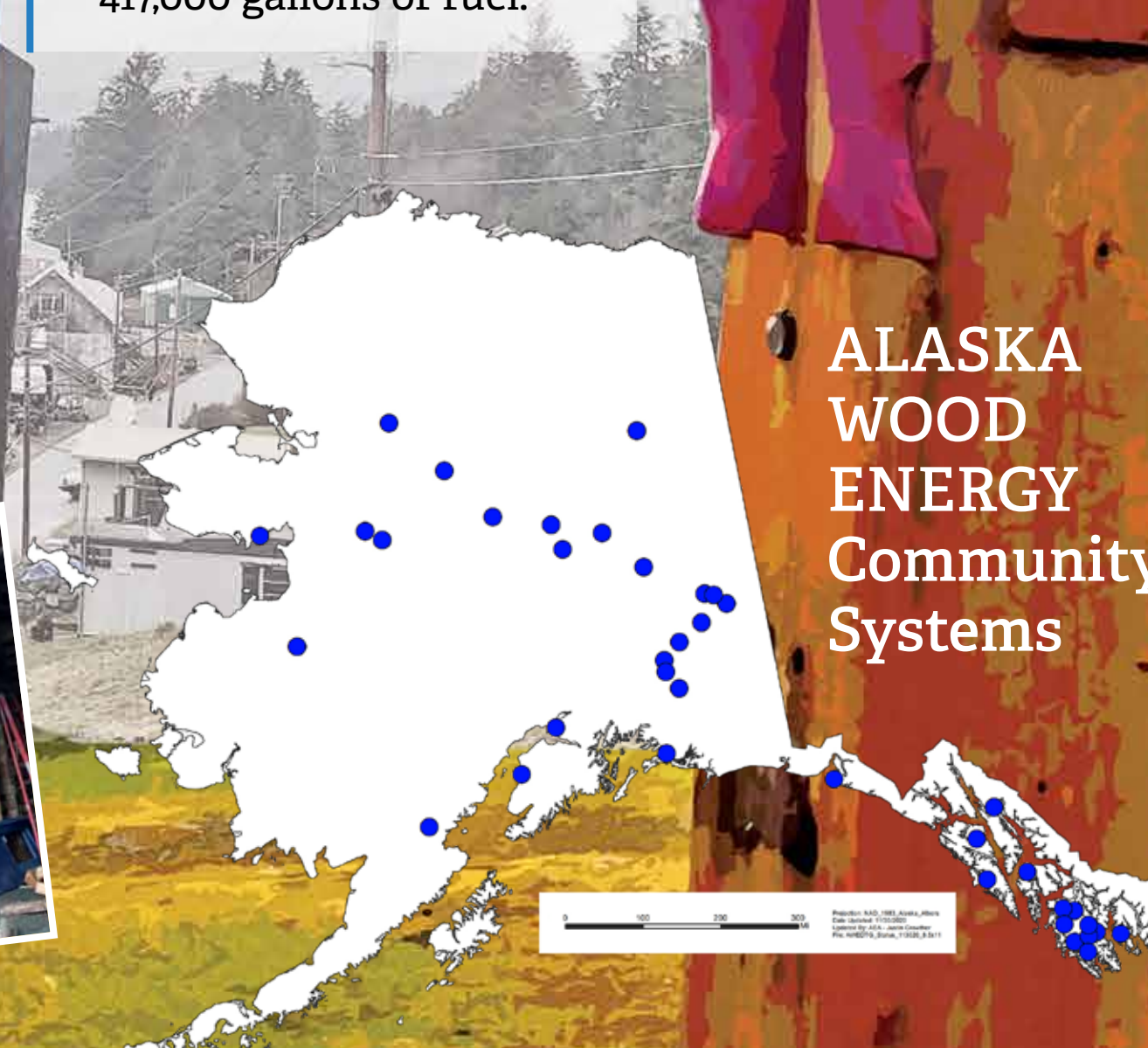
On average, a cord of firewood equals about 139 gallons of heating fuel. So, 3,000 cords of wood can replace on average, 417,000 gallons of fuel.

## Wood Heating Promotes Energy Independence

Alaskans burn 2 million cords of wood per year for residential use. Yet, they pay more for energy than any state in the nation. Communities can promote energy independence by using locally sourced woody biomass instead of heating fuel.



ALASKA WOOD ENERGY Community Systems



### USDA Forest Service Wood Innovations:

<http://www.fs.usda.gov/goto/alaskawoodinnovations>

**Alaska Energy Authority:** <http://www.akenergyauthority.org/>

**SE Conference:** <http://www.seconference.org/>

**Alaska Wood Energy:** <http://www.alaskawoodenergy.com/>

**Alaska Center for Energy & Power:** <http://acep.uaf.edu/>

**Alaska Dept. Of Natural Resources:** <http://forestry.alaska.gov/>

**Denali Commission:** <https://www.denali.gov/>



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Renewable wood energy...  
promoting sustainable  
forest management  
one community at a time!