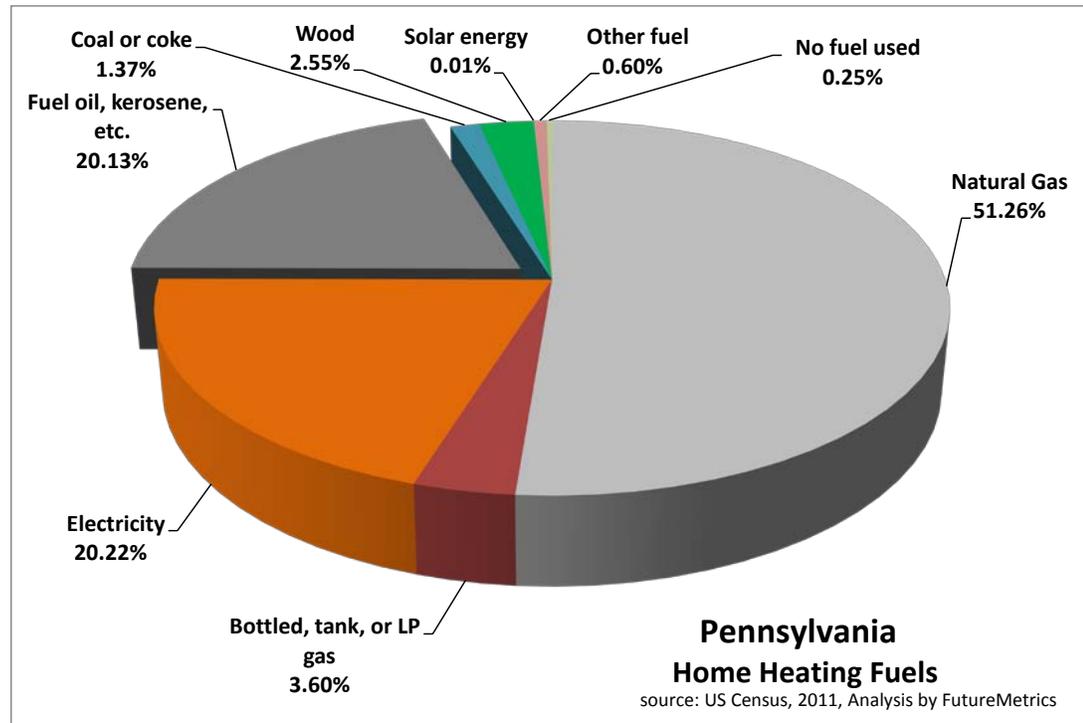


Building Pennsylvania's Local Thermal Energy Economy

Pennsylvania uses more heating oil than every state in the US except New York. About 51% of its homes and businesses use natural gas. But more than 1.8 million of those homes and businesses with no gas infrastructure use heating oil.

#2 Distillate Fuel use in Residential, Commercial, and Industrial (not Transportation)	Average Gallons per Year
Connecticut	562,944,000
Maine	358,142,000
Massachusetts	612,397,000
New Hampshire	278,342,000
New York	1,612,532,000
Pennsylvania	651,820,000
Rhode Island	161,455,000
Vermont	186,640,000

(source: US Energy Information Administration, 2011).



As a result, Pennsylvania EXPORTS more than 1.8 billion dollars every year.

	Number of Households and Businesses that use Heating Oil	Average Gallons Used per Year	Average Total Expenditure Per Year (#2 at \$3.65/gal)	Amount that Does not Stay in the States (EXPORTED)	Job Losses
Pennsylvania	1,837,000	651,820,000	\$ (2,474,308,720)	\$ (1,855,731,540)	-93,714

All of the heating oil money that leaves Pennsylvania takes local jobs with it: at current heating oil prices, almost 94,000 Pennsylvania jobs are “exported” to OPEC nations and other locations! (See the 25x25 Vision paper at www.nebioheat.org for a full explanation of the basis for the job loss estimates.)

If Pennsylvania were to convert only 18.5% of its homes and businesses* from heating oil to locally produced biomass fuels such as pellets, chips, or cordwood used in modern efficient stoves and boilers, it would create about 31,100 permanent and stable jobs. Some of those jobs would be for the production and supply of wood fuels and some of those jobs would be created by no longer exporting money.

Economic growth and job creation, Energy independence, and Environmental stewardship are the rewards of using regionally produced renewable energy for heating Pennsylvania's homes and businesses.

For more information, visit the Northeast Biomass Working Group at www.nebioheat.org.

**18.5% is the result of the 25x25 study which determined the sustainable quantity of biomass fuel in the Northeast states.
Analysis by FutureMetrics*