



Representing America's Natural Gas Utilities

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Local Natural Gas Service Access and Conversion Opportunities

Findings

- There are 13.3 million households in the United States indicate that natural gas service is available in the neighborhood but instead use another fuel source for their primary space heat.
- Based on the environmental and economical attributes of natural gas, there exists a significant potential to improve household energy efficiency, consumer emissions, and to lower household energy costs by connecting to and using natural gas.
- Based the 2015 Residential Energy Consumption Survey, 68.6 million households use natural gas in their homes. However, 81.9 million households in the survey indicate the availability of natural gas service in their neighborhood.
- Nearly 2.2 million customers that indicate service to natural gas use either propane or fuel oil for space heating.
- There are 6.8 million households that indicate access to natural gas service use electric space heating supplied through a duct system. Of these, only 33% use a heat pump for primary heating needs, suggesting that 4.7 million households may be using less efficient electrical resistance furnace.
- These households represent a large base for potential conversions available today to achieve consumer cost savings, efficiency improvements, and emissions reductions.

Space Heating Market for Households with Natural Gas Service (Millions of Households)

	With Natural Gas Service		Not Using Natural Gas Service*					Total
	Using Natural Gas		Electric Central Air	Heat Pump	Propane	Fuel Oil	Other	
New England	3.0	2.5	0.1	-	0.1	0.3	0.1	0.5
Middle Atlantic	12.5	10.9	0.2	0.2	0.1	0.7	0.3	1.5
East North Central	15.5	13.8	0.7	0.2	0.1	-	0.6	1.6
West North Central	6.3	5.8	0.2	0.1	0.0	-	0.2	0.5
South Atlantic	10.5	7.8	0.9	0.6	0.2	0.1	0.8	2.7
East South Central	4.3	2.5	0.7	0.5	0.2	0.0	0.3	1.8
West South Central	8.7	6.4	1.3	0.3	0.0	-	0.7	2.3
Mountain	6.8	6.0	0.4	0.1	0.1	-	0.2	0.8
Pacific	14.5	12.9	0.3	0.2	-	0.1	1.0	1.6
Grand Total	81.9	68.6	4.7	2.1	0.9	1.3	4.3	13.3

*Number of Households indicating natural gas service but use an alternative primary heating source

SOURCE: Energy Information Administration, Residential Energy Consumption Survey 2015

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