



2004 Average Home-Heating Costs

(Calculated by AGA, based on DOE energy-cost estimates)

HOME-HEATING EQUIPMENT	2004 AVERAGE ANNUAL OPERATING COST ¹
94%-efficient natural gas furnace	\$ 555
80% -efficient natural gas furnace	\$ 645
84%-efficient oil furnace	\$ 676
94%-efficient propane furnace	\$ 816
80%-efficient propane furnace	\$ 931
Electric 6.8 HSPF heat pump	\$ 631
Electric resistance furnace	\$1,397



2004 Average Water-Heating Costs and Lifetime Energy Savings

(Calculated by AGA, based on DOE energy-cost estimates)

WATER-HEATING EQUIPMENT	AVERAGE ANNUAL OPERATING COST (2004) ¹	ADDITIONAL ENERGY SPENDING FOR USE OF ELECTRIC WATER HEATER (INSTEAD OF NATURAL GAS) (during average 9-year life of the equipment)
Natural gas-typical	\$258	
Electric -typical	\$450	\$192 per year x 9 years = \$1,728

The American Gas Association represents 191 local energy utility companies that deliver natural gas to more than 53 million homes, businesses and industries throughout the United States. Natural gas meets one-fourth of the United States' energy needs and is the fastest growing major energy source.

¹ These estimates by the American Gas Association are based on DOE's 2004 representative annual costs of energy, using equipment listed in the latest Gas Appliance Manufacturers Association and Air Conditioning and Refrigeration Institute equipment directories. The estimate is based on a 2,072 square-foot home located in a moderately cold temperature region, such as St. Louis, with updated energy efficiency features that reflect the 2003 "International Energy Conservation Code." Homes with less insulation, more floor space and located in a colder climate can expect to have higher costs for appliances using all types of energy.