

Off-Peak Home Heating Fuel Cost Comparison

How to Use this Form: Each line represents the break-even point for the four (4) energy sources. For example, electric heating at 5.5¢ per kilowatt-hour would be the same as it would be to heat with a gas furnace that is 92% efficient with propane priced at \$1.36 per gallon. Paying more than \$1.36 per gallon for propane means heating with off-peak electric at 5.5¢ per kilowatt-hour is more economical.

Winter Storage Rate

Break Even Points				
Electric Rate/kWh*	Fossil Fuel Furnace Annual Efficiency	L.P. Gas/Gallon	Natural Gas/Therm	#2 Fuel Oil/Gallon
5.5¢	60%	89¢	97¢	\$1.35
5.5¢	70%	\$1.04	\$1.13	\$1.58
5.5¢	80%	\$1.19	\$1.29	\$1.80
5.5¢	90%	\$1.33	\$1.45	----
5.5¢	92%	\$1.36	\$1.48	----
5.5¢	95%	\$1.41	\$1.53	----

Winter Dual Fuel Rate

Break Even Points				
Electric Rate/kWh*	Fossil Fuel Furnace Annual Efficiency	L.P. Gas/Gallon	Natural Gas/Therm	#2 Fuel Oil/Gallon
7.0¢	60%	\$1.13	\$1.23	\$1.72
7.0¢	70%	\$1.32	\$1.44	\$2.01
7.0¢	80%	\$1.51	\$1.64	\$2.58
7.0¢	90%	\$1.70	\$1.85	----
7.0¢	92%	\$1.74	\$1.89	----
7.0¢	95%	\$1.79	\$1.95	----

***Cost reflects the per kilowatt-hour energy charge. It does not include any applicable Power Cost Adjustment.** Electric resistance heat is 100% efficient, including convective, electric furnace and storage (radiant in-floor heat and electric thermal storage units) heating systems.