

Heating System	Energy (BTUs) per unit of fuel	=		System Efficiency	Energy required to produce 100,000 BTUs of heat	Fuel Cost	Cost of 100,000 BTU's of Heat
Natural Gas	100,000 BTU /ccf	=	1 ccf/100,000 BTU	75%	1.33 ccf	\$1.20/ccf.	\$1.60
Elec. Heat Pump	3,413 BTU/KWH	=	29.3 kwh/100,000 BTU	260%	11.27 kwh	\$.045/KWH	\$.51
Propane	91,600 BTU/Gal	=	1.09 gal/100,000 BTU	75%	1.45 gal	\$1.50	\$2.17
Elec. Resistance	3,413 BTU/KWH	=	29.3 kwh/100,000 BTU	100%	29.3 kwh	\$.045/KWH	\$1.32

Heat pump efficiency based on HSPF of 9.0 (www.trane.com)