

# **FUEL COST COMPARISONS – NATURAL GAS / PROPANE / FUEL OIL**

**1 Cubic Meter Natural Gas = 35,375 BTU**

**1 litre Propane = 24,197 BTU**

**1 litre Fuel Oil = 36,300 BTU**

## **Fuel Rates based on provincial averages**

**Natural Gas = .2163 / m<sup>3</sup>**

**Fuel Oil = 1.075 / litre**

**Propane = .5420 / litre**

**These prices do not include basic monthly fees or tank rentals.**

## **Costs of appliances operating continuously for one hour.**

### **25,000 BTU Appliance / Cents per hour**

**Natural Gas: 25,000 BTU / 35,375 BTU = .71 m<sup>3</sup> per Hr x .2163 = .1535 cents**

**Propane: 25,000 BTU / 24,197 BTU = 1.03 litres x .542 = .5599 cents**

**Fuel Oil: 25,000 BTU / 36,300 BTU = .69 litres x 1.075 = .7417 cents**

### **50,000 BTU Appliance / Cents per hour**

**Natural Gas:**  $50,000 \text{ BTU} / 35,375 \text{ BTU} = 1.41 \text{ m}^3 \text{ per Hr} \times .2163 = .3049 \text{ cents}$

**Propane:**  $50,000 \text{ BTU} / 24,197 \text{ BTU} = 2.07 \text{ litres} \times .542 = 1.122 \text{ cents}$

**Fuel Oil:**  $50,000 \text{ BTU} / 36,300 \text{ BTU} = 1.38 \text{ litres} \times 1.075 = 1.483 \text{ cents}$

### **100,000 BTU Appliance / Cents per hour**

**Natural Gas:**  $100,000 \text{ BTU} / 35,375 \text{ BTU} = 2.83 \text{ m}^3 \text{ per Hr} \times .2163 = .6121 \text{ cents}$

**Propane:**  $100,000 \text{ BTU} / 24,197 \text{ BTU} = 4.1 \text{ litres} \times .542 = 2.222 \text{ cents}$

**Fuel Oil:**  $100,000 \text{ BTU} / 36,300 \text{ BTU} = 2.75 \text{ litres} \times 1.075 = 2.956 \text{ cents}$

**Based on Fuel Rate as of Jan 2013 & Average Residential Use**