



## CALCULATING ELECTRICITY PRICE PER EQUIVALENT UNIT OF PROPANE

$$\text{A ELECTRICITY PRICE PER KWH*} \times \text{B ENERGY CONTENT CONVERSION RATE} = \text{C ELECTRICITY PRICE PER EQUIVALENT UNIT OF PROPANE}$$

**B ENERGY CONTENT CONVERSION RATE**

1 GALLON PROPANE = 27 KWH

1 KWH = 3,412 BTUS

27 KWH = 92,124 BTUS

### EXAMPLE CALCULATION

ELECTRICITY PRICE PER KWH

**A \$0.135**

X

ENERGY CONTENT CONVERSION RATE

**B 27**

=

ELECTRICITY PRICE PER EQUIVALENT UNIT OF PROPANE

**C \$3.65**

PROPANE PRICE PER GALLON\*\*

**\$2.42**

VS

ELECTRICITY PRICE PER EQUIVALENT UNIT OF PROPANE

**\$3.65**

\*To calculate your local price per kWh, take the total cost on an electric bill and divide that by the total kilowatt hours used. \*\*Use your local propane price per gallon.