

APPLIANCE COST CALCULATION

Have you ever wondered how much it cost to run your microwave, refrigerator, an infrared or ceramic heater? Below is a formula that you can use on your appliances to see how much they cost you to run per day.

CALCULATION

Wattage = kilowatt (kw)

1,000

kw x # hours appliance runs = total kwh per day

Total kwh x 0.116 (usage rate)

+ kwh x pca

Daily cost of appliance

EXAMPLE pca = .02590

1500w/1000 = 1.5 kw

1.5kw x 8 hrs. = 12kwh

12kwh x 0.116 (cost) = 1.39

12kwh x .02590 = 0.31

1.39 + .31 = \$1.70 daily cost of appliance

Example is a 1500w heater running for 8 hours a day

***Please note that in this example, the pca (.02590) was calculated using an average of the last seven months. This amount changes on a monthly basis and the pca is printed on your utility bill each month. This is an estimated cost. Factors such as the pca, hours in use, wattage of appliance, heat settings on heaters are all cost variables.*

Watt = Is noted on the appliance or box. Can also calculate by taking AMPS x Voltage of item.

Kw = kilowatt

Kwh = kilowatt hour

pca = power cost adjustment. Changes every month due to the market price of power purchased.

CALCULATE ELECTRIC BILL

Here is the information you can use to figure your electric bill.

USAGE RATE

First 500Kwh x 0.116

Next 500kwh x 0.111

Over 1,000Kwh x 0.106

Total kwh hours used x pca = pca charge

kwh charge

+ pca charge

+ service charge

Total cost of Electric

EXAMPLE Customer uses 1300Kwh pca = .02590

500kwh x 0.116 = \$ 58.00

500kwh x 0.111 = 55.50

300kwh x 0.106 = 31.80 = 145.30 Kwh charge

1300 x .02590 = \$33.67

\$145.30 + \$33.67 + \$5.00 = \$183.97 Total electric charge

Service charge:

(\$5.00 inside village)

(\$8.00 outside village)

To figure kilowatt hours, take the current read and subtract the previous read to get the total kilowatt hours used. The Power Cost Adjustment (pca) fluctuates because the cost of purchasing power on the market changes every month.

The rate information, to insure correct calculations, can be located on the Montpelier website at

www.montpelieroh.net/electric_rates.html

If you have questions concerning your bill, please feel free to contact the utility office at 419-485-8316