| Energy For Maine |
|---|
| Calculating Annual Energy Cost How much energy will this device use in one year? |
| Wattage (W) × Hours "on" per day × 365 days per year = Watt Hours per year (W) × hours × 365 = Watt hours |
| Parasitic load (W) × (24 hours – hours turned on) × 365 days per year = parasitic load per year (watt hours) (W) ×hours × 365 =Watt hours |
| Add the two numbers above to calculate Total Watts per year (W) + (W) = Total Watt hours |
| Total Watt hours per year / 1000 = Total kilowatt hours per year (W) / 1000 = Total kilowatt hours (kWh) |
| <i>How much will that cost?</i> Total kWh × \$0.15 = Cost per year (kWh) × \$0.15 = Dollars |

Consider this:

Can you determine how these numbers might change if the device is unplugged or completely switched off when it is not in use?

How would the numbers change if the device was used only half as much per year?

