|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Appliances | Energy usage (Watts) | Energy usage (Kw) | Hours used per month | KiloWatt Hours (kwh) per month | Cost per month | Cost per year |
| Ceiling Fan with 3 – 60 W bulbs | 230 |  | 180 |  |  |  |
| Electric Clothes Dryer | 4000 |  | 30 |  |  |  |
| Clothes Washer | 550 |  | 30 |  |  |  |
| Computer with monitor | 270 |  | 120 |  |  |  |
| Dishwasher with dry cycle | 1800 |  | 30 |  |  |  |
| Upright Freezer | 350 |  | 720 |  |  |  |
| Portable Heater | 1500 |  | 75 |  |  |  |
| Oven | 3000 |  | 15 |  |  |  |
| Refrigerator | 220 |  | 720 |  |  |  |
| 36 Inch television | 250 |  | 150 |  |  |  |
| Video Game | 200 |  | 150 |  |  |  |
| AC Unit | 5000 |  | 200 |  |  |  |
| Microwave Oven | 1500 |  | 10 |  |  |  |
| Cell Phone Charger | 10 |  | 150 |  |  |  |
| DVD Player | 20 |  | 50 |  |  |  |

For each Appliance calculate the cost to run per month and per year. Use the current energy rate in Utah of .09 $ per kwh. Find 5 appliances in your home. Estimate the energy needed to run them for one month & one year.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Appliances | Energy usage (Watts) | Energy usage (kW) | Hours used per month | Kilowatt Hours (kwh) per month | Cost per month | Cost per year |
| 1. |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |
| 4. |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |