

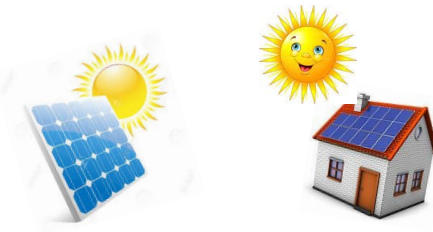
How much do your appliances cost to operate? Below is a list of appliances to show you the estimated cost of running some of the most common appliances in your home.

The current rate is: .12030

| Appliance | Wattage | Hrs Per Month | Est KWH | Est. Cost |
|--------------------------------------|---------|---------------|---------|-----------|
| Central A/C | 3500 | 200 | 700 | 84.21 |
| Blanket | 150 | 120 | 18 | 2.17 |
| Clothes Dryer | 5000 | 16 | 80 | 9.62 |
| Washer (cold water) | 300 | 16 | 5 | 0.60 |
| Computer | 150 | 240 | 38 | 4.57 |
| Dehumidifier | 250 | 240 | 60 | 7.22 |
| Dishwasher (not including hot water) | 1200 | 25 | 30 | 3.61 |
| Freezer 15 cu ft | 440 | 334 | 147 | 17.68 |
| Hot Tub/Spa Heater | 1800 | 40 | 72 | 8.66 |
| Hair Dryer | 1000 | 5 | 5 | 0.60 |
| Iron | 1500 | 10 | 15 | 1.80 |
| Microwave | 1500 | 10 | 15 | 1.80 |
| Range / Oven | 12200 | 8 | 98 | 11.79 |
| Refrigerator 14 cf | 320 | 290 | 93 | 11.19 |
| Frostless Refrigerator/Freezer | 615 | 250 | 154 | 18.53 |
| Spacer Heater | 1500 | 360 | 540 | 64.96 |
| Water Heaters (varies) | 4500 | 89 | 401 | 48.24 |
| TV 6 Hrs a day | 250 | 180 | 45 | 5.41 |
| Toaster | 1400 | 3 | 4 | 0.48 |



For additional information on Energy Conservation, the Green Energy Program, Electricity in Delaware, and more, visit the State of Delaware, Delaware Energy Office web site at www.dnrec.delaware.gov/energy



Please visit the Energy Star website at <https://www.energystar.gov/> for additional energy conservation tips.



Public Utilities Department

24/7 Emergency

302-736-7086

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Customer Service

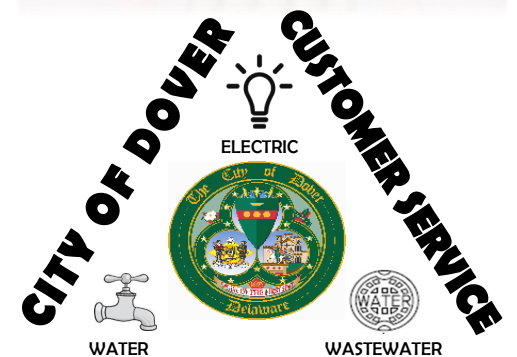
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Effective 5/1/2016

No Cost & Low Cost Ways To Reduce Your Energy Bill



24/7 EMERGENCY

302-736-7086

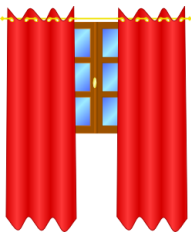
- In hot weather, using a fan to increase air flow will help keep the house cooler.
- Exhaust fans in the window can push warm air out and pull cool air in. Open the upper vents in the attic.



- Let outside breeze in. Cut shrubs, etc. that would block the breeze.
- Since hot air rises, open the upper part of double hung sash windows.

• Air conditioning units that draw fresh, warm outside air use more electricity than units that re-cool the air inside. Try closing the fresh air intake for a while.

- Raise the cooling temperature. Experiment by raising the temperature 1 to 2 degrees until you find a comfortable temperature.
- Replace or clean filters frequently.
- Close off all unused rooms.



- Keep shades, blinds, curtains, and drapes closed while the air conditioning is on to keep out solar heat.

• Make sure the air is directed into the room and not behind drapes or obstructed by furniture.



Compact fluorescent bulbs can reduce your lighting usage by as much as 75%. Although they are more expensive to purchase, the payback on your investment is usually quick. The example below is if you replaced a 75W incandescent bulb with a 20W compact fluorescent bulb with lumens.

If you used it for 6 hours a day for 30 days, the 75W bulb would use 13.5 KWH at a cost of (at the current rate of 0.1203) \$1.62. The 20W CF bulb would use 3.6 KWH at a cost of \$0.43. A savings of \$1.19 for the month. This would calculate to a yearly savings of around \$14.28 for just replacing one bulb. The longer the bulb is in operation, the larger the savings.



When purchasing or replacing appliances, be sure to research the efficiency of the appliance. Looking for the "Energy Star" emblem is a good idea. These appliances have been tested and are proven to be energy savers.

Calculate what an appliance will use before you purchase it. If you take the typical wattage of the appliance and multiply it by the number of hours it will be in use for the month and then divide this number by 1,000, this will give you the estimated KWH usage. Multiply the KWH usage by the current rate and this is the estimated cost of operation.

- In the winter, turn your thermostat down at bedtime. Installing an automatic set-back thermostat may be an option.
- Lower the heating temperature. Experiment by lowering the temperature 1 or 2 degrees until you find a comfortable temperature.
- Check thermostats for accuracy.
- Check your duct work for any leaks.
- In the winter solar heat helps. Keep the shades, blinds, and curtains open on the sunny side of the house during the day. Be sure to close them when the sun goes down to insulate from the cold.
- Check your water heater temperature. If you cannot put your hand in the water without mixing it with cold water, your temperature setting may be too high.
- Insulate hot water pipes and water heater if they are in cold areas.
- Keep showers short and use a water saving shower head.



- Wash clothes in cold water.
- Hang clothes outside to dry on nice days.
- Install ceiling fans to circulate air.
- Computers and some electronic games use energy when not in use. You may want to turn them off.

