

ENERGY EXTRA

The Grand Valley's Energy Newsletter

Energy Efficiency Quiz



Brought to you by:

Derek Elder
Energy Services
Administrator
Grand Valley Power

1. What temperature should you set your thermostat at during the summer for maximum efficiency?

- a) 68°
- b) 78°
- c) 65°
- d) 72°

2. How often should you check and clean (or replace) your air conditioning filters?

- a) Annually
- b) Weekly
- c) Monthly
- d) Every 6 months

3. An air conditioner placed in the shade uses up to ____% less electricity than the same unit operating in the sun.

- a) 5%
- b) 10%
- c) 25%
- d) Does not make a difference

4. What temperature should your refrigerator be set at for efficiency?

- a) 36-39°
- b) As cold as you can get it.
- c) 40-44°
- d) 32-35°

5. **True or False:** A desktop computer uses less energy than a laptop.

6. How long does it take for a 100-watt light bulb to consume 1 kWh of electricity?

- a) 1 minute
- b) 1 hour
- c) 10 hours
- d) 24 hours

7. **True or False:** Adding insulation to your attic is one of the most cost-effective ways to make your home more comfortable year-round.

- 1. **B** – Setting your thermostat on 78° during the summer will maximize efficiency.
- 2. **C** – Changing your filter monthly will improve air flow and air quality.
- 3. **B** – Plant trees to shade air conditioning units but do not block the airflow.
- 4. **A** – Cleaning the coils behind the fridge every six months will also maximize efficiency.
- 5. **True** – Laptops use up to 50% less electricity than desktops.
- 6. **C** – Leaving a 100-watt light bulb on for ten hours will cost approximately 11 cents.
- 7. **True** – Adding insulation to your attic is one of the most cost effective ways to reduce year-round energy consumption.

