

Guidelines for an Energy Efficient Home

Guyana Energy Agency
www.gea.gov.gy



Save Energy, Save Money

Energy is fundamental to our existence and plays a critical role in our daily routines. The rising cost of fossil-based fuels and prevailing global environmental concerns compel us to think of ways to use energy more wisely.

The design and layout of your home, appliances, lifestyles and choices can greatly impact the amount of energy you consume.

For More information, download GEA's E-Book titled '*Guidelines for an Energy Efficient Home*' at www.gea.gov.gy. The E-book explores the various opportunities for reducing your energy consumption in and around your home.

Consider these guidelines and tips to help you make more efficient choices that will save you energy and money.



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DID YOU KNOW...

1. Replacing a 60watt incandescent bulb with a 13 watt Compact Fluorescent Lamp (CFL) can save you as much as **G\$9,000 per year** for each bulb replaced.
2. Replacing outdoor Mercury vapour lamps with outdoor CFLs can save you as much as **G\$35,000 per year** for each lamp replaced.
3. *Thinking about buying a water heater?* While electric water heaters appear to be cheaper, your electricity bills will say otherwise. A 50-gallon electric water heater will cost you about **1 million dollars** over its **10-year life**.

BUT, investment in an equally-sized solar water heater will only have a one-time cost of about **G\$330,000** and will serve your hot water needs for **more than 20 years**.

4. When using Air conditioners, keep your environment **cool but not cold**. More energy is consumed with every degree adjusted lower.
5. When buying appliances **compare energy labels, not just prices**, to make sure you buy an energy efficient unit.

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