

20 TIPS ON HOW TO BECOME AN ENERGY GREEN HOUSEHOLD



SAVE ENERGY SAVE MONEY

**REDUCE YOUR HOUSEHOLD'S
CARBON FOOTPRINT**

INTRODUCTION

Greenhouse gases trap heat, creating a warmer planet. Since the late 19th century, human activities have been responsible for almost all the atmosphere's greenhouse gases (mainly carbon dioxide). In the United States these emissions result from burning fossil fuels (coal, oil and natural gas) for electricity, heat, and transportation. (Source: Environmental Protection Agency).

U.S. Households use energy to power many home devices and appliances, but on average, over 51% of a household's energy consumption is for two particular energy uses: space heating and air conditioning. Lighting, water heating and refrigeration are used almost universally and throughout the year. Together they account for 27% of household energy use. The remaining share of just over 21% is used for devices ranging from televisions and computers to clothes dryers. (Source: U.S. Energy Information Administration)

There are more than 130 million households in the U.S. They are major contributors to the earth's excessive carbon load, referred to as the Carbon Footprint. (U.S. Census Bureau)

Imagine how much this Carbon Footprint would shrink if all 130 million households followed the 20 tips offered in this booklet. This could include your household.

George D Potts, PhD, Editor energygreengrandpa.com

20 TIPS ON HOW TO BECOME AN ENERGY GREEN HOUSEHOLD

- 1. Your lighting is 100% LED. This makes you LED CERTIFIED.**
- 2. Lights are always off in empty rooms.**
- 3. Check filters in heating and cooling systems regularly. Clean or replace filters as needed.**
- 4. Have your heating and cooling systems checked periodically by a licensed professional.**
- 5. Have airtight insulation in walls, ceilings, windows, doors, attic and around air ducts and hot water pipes in your dwelling.**
- 6. Depending on the season and the time of day, adjust window drapes, curtains, blinds and shades to obtain the most efficient energy savings.**
- 7. Depending on the season and time of day, adjust your thermostat to the most comfortable and energy-saving level.**
- 8. When your dwelling is to be vacant, adjust your thermostat to the most energy-saving level.**
- 9. Have an attic fan to remove hot air.**
- 10. Have pedestal or ceiling fans to assist room circulation.**

- 11. Do cooking, dishwashing, laundry and bathing in late evenings or early mornings.**
- 12. Have dishwasher and hot water heater set at 130-140 degrees.**
- 13. Run clothes washer with a full load, using cold water.**
- 14. Open the dishwasher, fill completely, and after the rinse cycle, let the dishes air dry.**
- 15. Keep refrigerator freezer and stand-alone freezers completely full.**
- 16. Keep refrigerator freezer and stand alone freezer at 0-5 degrees.**
- 17. Keep refrigerator at 36-38 degrees.**
- 18. Cook smaller meals in the microwave frequently.**
- 19. Be sure to click all electronic devices OFF, including the Stand By when you are through using the device.**
- 20. Reduce by buying less. Reuse the items that you do have. Recycle metal cans, glass bottles, paper, cardboard, and recyclable plastics.**

**WHEN YOU ARE PRACTICING ALL THE ABOVE YOU
ARE DECLARED:**

ENERGY GREEN CERTIFIED

***Make your house more ENERGY
INDEPENDENT by installing SOLAR PANELS
and HEAT PUMPS.***

HOW TO BECOME AN ENERGY GREEN COMMUNITY

The purpose of the Energy Green Community Program is for community households to be more efficient in their energy use, thus saving money and reducing their carbon footprint. This can be accomplished by encouraging households in your community to become Energy Green by applying the 20 Energy Saving Tips listed in this booklet.

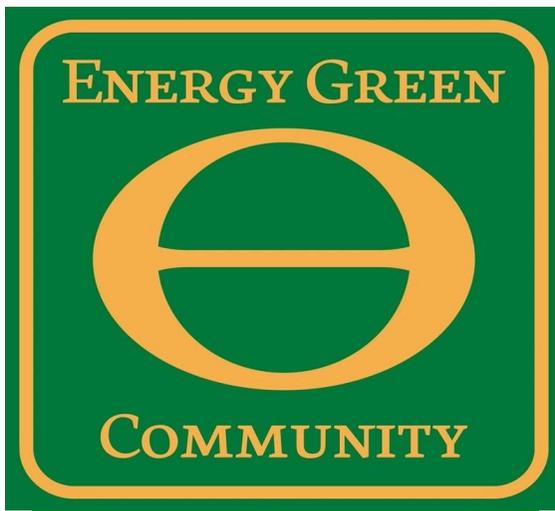
The best strategy is to share this booklet in your local community, working with city or county council members, leadership organizations, businesses, churches, schools, etc. Some community members may need assistance with purchasing LEDs, installing insulated doors and windows, attic fans, etc.

Participating households should be able to reduce their kilowatt hour usage and save more than \$800 on their annual energy bill and make a significant reduction in their carbon footprint.

Checklist community members for several weeks. When you find that 50% or more have successfully acted upon the 20 tips, then the community is qualified to place 24 x 36 ENERGY GREEN COMMUNITY signs at each community entrance. Signs can be funded through community donations.



THINKING GLOBALLY



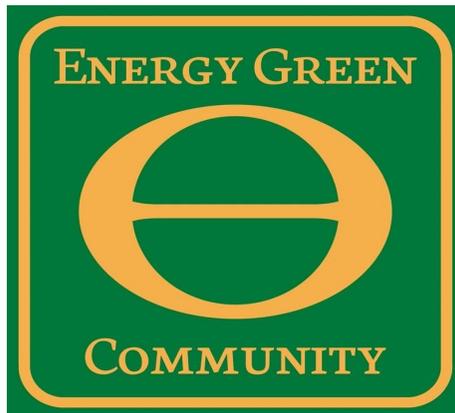
The Energy Green Community program is designed for households to become more efficient in their energy use, thus saving money and reducing their carbon footprint.

ACTING LOCALLY

SPONSOR LOGO

SPONSOR PHONE NUMBER

SPONSOR WEBSITE



George D. Potts, PhD, Program Director

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**CLIMATE CHANGE MITIGATION BEGINS IN
THE HOME AND IN THE COMMUNITY**