



KENTUCKY INTERFAITH POWER AND LIGHT



25 Steps Over \$25

Money burning a hole in your pocket? We didn't think so, but what better way to douse your burning conscience than investing in some of the steps below. While the US accounts for only 4% of the world's population, we generate nearly 30% of the world's CO2 emissions. The good news is that we can use the smarts of our technologies to bring that percentage down. It just takes a little investment up front. Fortunately, many of these options will pay for themselves in less than 5 years and save you money in the long run.

LIGHTING	CO ₂ Reduction
<input type="checkbox"/> 1. Buy energy-efficient compact fluorescent bulbs for the lights you use most. They cost about \$2 per bulb	180 pounds a year per bulb.
<input type="checkbox"/> 2. Replace outdoor incandescent holiday lights with LED bulbs.	Up to 1,220 pounds a season for 10 strings of lights.
HOME APPLIANCES & GADGETS	
<input type="checkbox"/> 3. Replace your 10-year-old refrigerator with a new ENERGY STAR model.	2,300 pounds a year.
<input type="checkbox"/> 4. Replace your less than 10-year-old refrigerator with a new ENERGY STAR model.	78 pounds a year.
<input type="checkbox"/> 5. Replace your 10-year-old clothes washer with new ENERGY STAR clothes.	850 pounds a year.
<input type="checkbox"/> 6. Replace your less than 10-year-old clothes washer with a new ENERGY STAR model.	475 pounds a year.
<input type="checkbox"/> 7. Replace your clothes dryer with a new ENERGY STAR model.	500 pounds a year.
<input type="checkbox"/> 8. Replace your less than 10-year-old dishwasher with a new ENERGY STAR model.	100 pounds a year.
<input type="checkbox"/> 9. Replace your old TV or VCR with a new ENERGY STAR model.	65 and 33 pounds a year, respectively.
HOME HEATING & COOLING	
<input type="checkbox"/> 10. Upgrade air conditioning from a 9.0 to a 12.0 SEER model.	185 pounds a year.
<input type="checkbox"/> 11. Add or improve the Insulation of your walls and ceilings. This can save about 25% on home heating bills.	Up to 2,000 pounds a year.
<input type="checkbox"/> 12. If you need a new furnace, install a new ENERGY STAR model.	2,000 pounds a year.
<input type="checkbox"/> 13. Have your furnace tuned-up every year.	300 pounds a year.

<input type="checkbox"/> 14. If you need to replace your windows, install the best energy-saving models.	Up to 10,000 pounds a year.
<input type="checkbox"/> 15. Plant trees next to your home. Evergreens to the north and west, deciduous trees to the south and west.	About 2,000 pounds a year.
<input type="checkbox"/> 16. Add air-gap window films to seal leaky windows in winter OR add low-e films.	400 and 380 pounds a year, respectively.
<input type="checkbox"/> 17. Add insulation to your basement.	750 pounds a year.
<input type="checkbox"/> 18. Seal and insulate warm air heating ducts.	800 pounds a year.
WATER	
<input type="checkbox"/> 19. Replace your standard electric hot water heater with an “on demand” hot water system.	3,600 pounds a year.
<input type="checkbox"/> 20. Switch from electric/oil hot water heater to a gas hot water heater OR switch from an old gas water heater to a new ENERGY STAR model.	1,400 and 200 pounds a year, respectively.
GETTING AROUND	
<input type="checkbox"/> 21. When you buy a car, choose one that gets good gas mileage.	About 10,000 pounds a year for a 10 mpg improvement.
<input type="checkbox"/> 22. Buy a hybrid car. The average driver saves \$3,750 a year.	16,000 pounds a year for the average driver.
<input type="checkbox"/> 23. Get an engine tune-up every year and regularly check your tire pressure.	1,500 pounds a year.
RENEWABLE ENERGY	
<input type="checkbox"/> 24. Add solar hot water heating system.	2,000 pounds a year.
<input type="checkbox"/> 25. Install a solar electric system to replace 10% of your annual electric needs.	1,430 pounds a year.

References: Environmental Defense, Rocky Mountain Institute, TenPercentChallenge, National Catholic Rural Life Conference, Seattle City Light, Tides Foundation/StopGlobalWarming.

OTHER IMPORTANT STEPS

- Reduce waste and promote energy efficiency at your school or workplace. Work within your community to set up recycling programs. 4 pounds of CO2 are reduced for every pound of office paper recycled.
- *Buy Fresh, Buy Local, and Buy Organic.* The chemicals used in modern agriculture pollute the water supply and require energy to produce.
- Reduce meat consumption to prevent harmful methane gases from entering the atmosphere.
- Consider Green Tags or RECs to “replace” some of your CO2 emissions. Check out Native Energy at www.nativeenergy.com. Native Energy places wind turbines on Native American reservations.
- Support the development of renewables from your local electric company!
- Invest in businesses advancing alternative energy sources or helping in other ways to address climate change issues.

Kentucky Interfaith Power & Light • PO Box 5084, Louisville, KY 40255
 • www.kentuckyipl.org • 502-210-8920