Cool Congregations
25 STEPS OVER $25

**LIGHTING**

1. Replace incandescent bulbs with LED ones—they are 80% more efficient and last 10x longer
2. Install sky lights or sun pipes to bring in natural sunlight—open curtains instead of turning on the lights
3. Install occupancy sensor switches to prevent lights from being left on
4. Replace incandescent exit signs with LED ones

**CO2 Reduction**

- 193 lbs per year per bulb
- Potentially thousands of lbs per year
- Up to 50% of lighting-related emissions
- 500 lbs per year per sign, 10 signs could save $700 in utilities

**APPLIANCES & GADGETS**

5. Replace old, inefficient appliances with ENERGY STAR models

**CO2 Reduction**

- 120-2,300 lbs per year

**HEATING & COOLING**

6. Upgrade to an ENERGY STAR air conditioning system
7. Add or prove the insulation of walls and ceilings—this can save 25% on heating bills
8. When replacing an old furnace with an ENERGY STAR model, or have old one tuned-up yearly
9. If windows need to be replaced, install the best energy-saving models
10. Plant trees for shade around building, especially on south and west sides
11. Apply window insulation film to reduce heat loss in winter
12. Insulate your basement

**CO2 Reduction**

- 185 lbs per year
- 2,000 lbs per year
- 2,000 lbs per year or 300 lbs per year, respectively
- Up to 10,000 lbs per year
- 2,000 lbs per year
- 400 lbs per year
- 750 lbs per year
### WATER

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<th><strong>CO₂ Reduction</strong></th>
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<td></td>
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<td>800 lbs per year</td>
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<td>7,000-14,000 lbs per year</td>
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13. Seal and insulate air ducts
14. Install geothermal heating and cooling pump

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<tr>
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<td>3,600 lbs per year</td>
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<td>4,000 lbs per year</td>
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15. Replace old water heater with tankless ENERGY STAR model
16. Install an ENERGY STAR qualified solar heating system
17. Replace inefficient toilets with WaterSense labeled models—install waterless urinals
18. Replace water-intensive landscaping with drought-tolerant and native species—contact your local agricultural extension agency for more information about the best plants for your region

**TRANSPORTATION**

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<td>potentially thousands of lbs per year</td>
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19. Install bike racks and make buildings more pedestrian friendly to promote walking
20. Replace congregation’s aging or unusable vehicles with hybrid or electric models
21. Get regular engine tuneups and check tire pressure in congregation-owned vehicles to increase fuel efficiency

**RENEWABLE ENERGY**

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<td>13,000 lbs per year</td>
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22. Install a solar power system
23. Install a wind turbine for electric generation
24. Invest as a congregation in carbon-offset programs

13,000 lbs per year
13,000 lbs per year
as much as 100% of congregation’s yearly emissions

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Cool Congregations is a program of Interfaith Power & Light. More info at www.CoolCongregations.org

Interfaith Power & Light