

Energy Saving Tips

- Turn off the lights whenever you leave a room.
- When leaving home for more than 4 hours, raise the thermostat 5 to 10 degrees in summer and lower it 5 to 10 degrees in winter.
- Close south-, east-, and west-facing curtains during the day to keep out solar heat during the summer.
- Clean the coils at the back of your refrigerator twice a year.
- Only heat and cool rooms you use; close vents and doors to rooms that are not being used.
- Keep windows closed and shades down when air conditioning is on.
- Check and clean air conditioning filters monthly and replace as needed.
- Unplug electric chargers, televisions, and audio/video equipment when not in use.
- Turn off your computer or put it in "sleep" mode when it is not being used.
- Run energy-intensive appliances such as the dishwasher and clothes washer at night.
- Wait until you have a full load to run the dishwasher and clothes washer, and use cold water when possible.
- Keep lamps and televisions away from the thermostat.

Next Semester

Now that we have had our first two Service Days, we hope this project will go on to help many more churches in the Bronzeville area. Keep an eye out for our Days of Service next semester so you can come learn about energy efficiency and help out a church in our neighborhood.



Special Thanks To:

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Morningstar Baptist Church

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Church Energy Efficiency

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Illinois Institute of Technology, Fall 2009

Mission Statement

- To lend our knowledge and resources to the cause of improving energy efficiency in churches [and deserving not-for-profit organizations] of the surrounding community
- To provide an avenue for aspiring individuals to gain valuable job skills while simultaneously finding fellowship through volunteer efforts
- To offer tools for learning more about environmental stewardship and energy efficient solutions through an interactive website

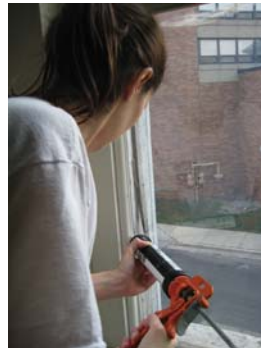
Objectives

- Research various building improvement projects that volunteers can perform on a Day of Service
- Develop a training program for volunteers to learn cost effective energy improvements to use on the service day and in their own homes
- Partner with interest groups/parties within the school and community to develop our program
- Promote the activities to both potential volunteers and potential sites of improvement through an improved website, flyers, video, etc.
- Select a church based on results of screening of technical, financial, political, and operational characteristics of the potential sites
- Perform an energy audit at the test site and lay the groundwork for a future Day of Service

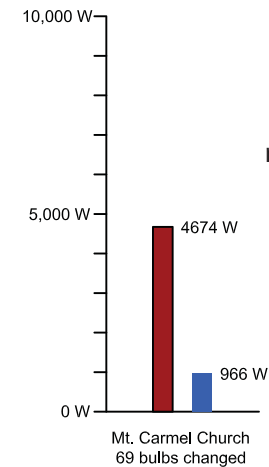
Days of Service

Saturday, Nov. 7
Mt. Carmel Church
2976 S. Wabash

Saturday, Nov. 14
Morningstar Church
3993 S. MLK Dr.



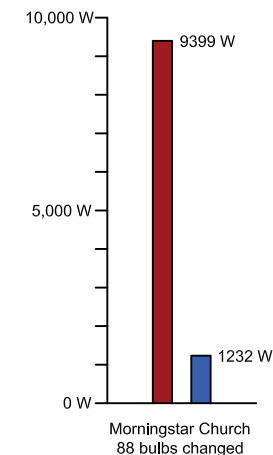
Our Impact



In Mount Carmel church, we replaced 69 light bulbs ranging from 60 to 300 watts with new, longer lasting 14watt bulbs. This change will save the church 3708 watts per hour, which translates to approximately \$1158.75 off their electricity bill per year.



In Morningstar church, we applied insulating sheets over the windows to save the church money on their gas bills.



In Morningstar church, we replaced 88 light bulbs ranging from 60 to 300 watts with new, longer lasting 14watt bulbs. This change will save the church 8168 watts per hour, which translates to approximately \$1020 off their electricity bill per year based on the church's use.