

Prestonwood Energy Conservation Program

In following Jesus' command to his disciples in John 6:12, "..... Let nothing be wasted," we implemented an Energy Conservation Program in July 2006. By doing so, we're not only being good stewards of our church's energy use, we are saving money that is then used for ministry work. Since then, we have saved more than \$1.5 million. (Updated March 2008)

Although we were always energy conscious, we began looking at everything at Prestonwood that uses energy – electricity, natural gas, water and sewer – and developed a plan to use it in the most efficient way possible.

- Implemented software program that tracks energy usage
- Installed approximately 300 compact florescent light bulbs in office desk and table lamps throughout the church
- Installed approximately 140 motion light sensors in bathrooms, meeting rooms and offices throughout the church
- De-lamped 22 beverage vending machines
- Installed timers on 22 beverage machines to limit the compressors
- Disconnected the water cooler compressors from running during the fall and winter season
- Installed a well and pump to fill the lake north of the Upper School without using city water
- Installed timers on all kiosk units throughout the church to limit the lighting each day
- Installed timers on all interior Christmas light displays so that lighting was limited during the holiday season
- Installed 28 Weathermatic Irrigation Controllers to more efficiently irrigate the 500 irrigation zones around the church and Prestonwood Christian Academy (These intelligent controllers determine on a daily basis how much water is needed to keep the grounds appropriately irrigated, thereby eliminating over/under watering.)
- Converted Time Clocks from Mechanical to Digital Astrological on several Exterior Lighting zones, the Prayer Garden, and Lake Fountain
- Hold seminars and classes for members and guests to learn how they can be energy efficient at home

We continue to tweak our plan regularly, always looking for additional ways to conserve energy.