Greetings & Welcome!

Energy Stewardship
Bright ideas for saving energy, saving money and caring for our common home.

WEBINAR: Tuesday, April 13th: 7-8pm
Featuring Royal Oak First United Methodist Church

Bob Prud'homme, Coordinator for Creation Care Ministries

Hosted by MI Interfaith Power & Light
Scriptures

God blessed them and said to them, “Be fertile and multiply; fill the earth and master it. Take charge of the fish of the sea, the birds in the sky, and everything crawling on the ground” (Genesis 1:28)

The thief comes only to steal and kill and destroy. I came that they may have life, and to have it abundantly. (John 10:10)

Jesus said to him, “You shall love the Lord your God with all your heart, and with all your soul, and with all your mind. This is the greatest and first commandment. And a second is like it: You shall love your neighbor as yourself.” Matthew 22:37-39

United Methodist Social Principles

All creation is the Lord’s, and we are responsible for the ways in which we use and abuse it. (¶160)

The whole earth is God’s good creation and as such has inherent value. (¶160-B)

We acknowledge the global impact of humanity’s disregard for God’s creation. (¶160-D)
What Are A Few Questions We Often Hear?

What is global climate change?

What is the big deal with carbon?

What do we NOT know?

What is the greenhouse effect?

What can we do to help?

How do we know the climate is changing?

What is happening in the oceans?
Everything we do (or don’t do) impacts the earth, and thus others in some way!

Whether or not we understand the impact! 

**Good Stewardship** demands that we seek to understand how we impact the earth and by extension, how this effects other people and other elements of creation!
U.S. CO² emissions relative to the world
By the Numbers

- Total Construction Costs ~$4.1 Million Dollars
- New Construction = $390,000.00
- Renovation Costs = $3,710,000
- Lighting Rebate + saved labor costs = $6,087.00
  (+ 112 * $75.00 = $8,400.00) Total $14,487.00
- HVAC Costs ~$765,000.00
- Electrical Costs ~$595,000.00
- Projected Solar Array ~$67,000 - $87,000
- Projected Savings with (solar for 25 Years) = $225,000.00
Energy Costs

- Electrical Costs - Prior - $26,670.00
- Electrical Costs - Post - $34,960.00
- Difference = +$8290.00
- Natural Gas - Prior - $19,027.00
- Natural Gas - Post - $16,185.49
- Estimated difference (SAVINGS) from benchmark standard (with addition) = +$18,000.00
Reuse!

Stained Glass Windows from Merger with St. Johns Royal Oak were utilized in the renovation in 3 locations

- New St. John’s Chapel
- Sanctuary Chancel
- New Entrance on Lafayette Ave.
Added Air Conditioning and Heating Units
History Gets a Renewal (+More)
Solar Array - Option 1
Solar Array- Option 2
Want to know more?
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