

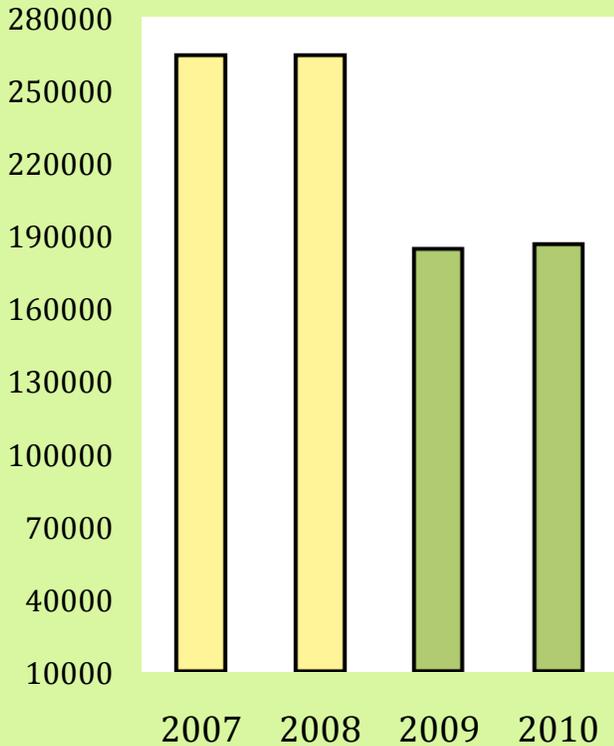


Watt\$ Green Worth?

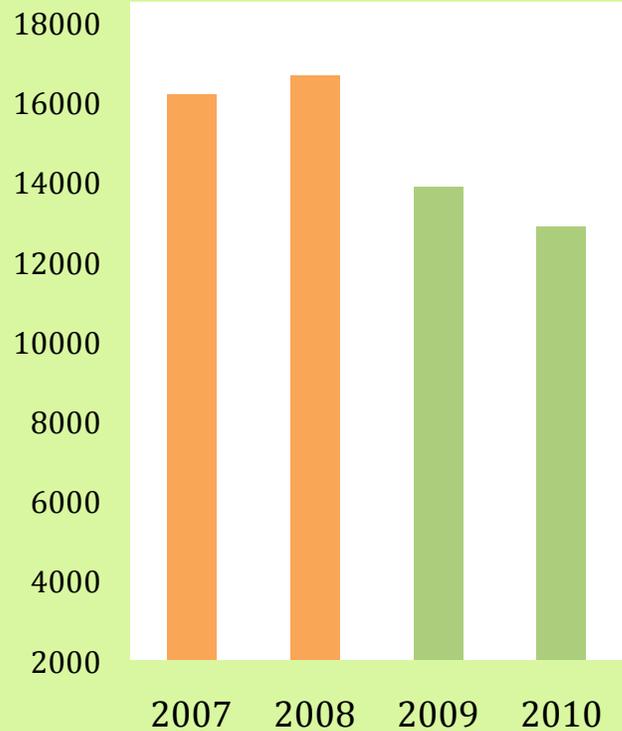


Over the past 24 months T'Green Olam has implemented energy-saving initiatives throughout our building. Here's how much these initiatives have saved:

Electricity: KWH Per Year
(March through February)



Natural Gas: Therms Per Year
(March through February)



Year	Usage	24 Month Totals	Energy Saved	Avg Cost	\$\$ Saved
2007	16,179	32,822 Therms	6,114 Therms	\$1.12 / Therm	Gas \$6,847.68
2008	16,643				
2009	13,851	26,708			
2010	12,857	Therms			
2007	263,360	527,040 KWH	157,440 Kilowatt Hrs	17.56¢ / KWH	Electricity \$27,646.46
2008	263,680				
2009	183,840	369,600			
2010	185,760	KWH			

TOTAL \$\$ SAVINGS (24 Months) \$34,494.14

What Does It Mean?

- 🌿 We Reduced Electricity Usage by 30%
- 🌿 We Reduced Natural Gas Usage by 19 %
- 🌿 We Avoided 128 tons of CO₂ emissions – equivalent to planting 319 trees, or taking 12.4 cars off the road for two years.

How We are Saving:

- 🌿 Installed new 7-day programmable thermostats in the school building
- 🌿 Analyzed entire building usage; consolidated classes within thermal zones, moved small meetings away from large rooms and avoided conditioning unoccupied areas
- 🌿 Lowered setback temperatures in unoccupied areas
- 🌿 Installed special switches to enable shutting down walk-in refrigeration when catered events are not scheduled for more than two weeks
- 🌿 Kept doors closed between heating zones so that systems work more efficiently
- 🌿 Moved mid-winter services out of the sanctuary into the smaller ballroom
- 🌿 Balanced heat distribution to improve temperature parity between rooms
- 🌿 Victor, George and Tony are keys to our success. Many thanks to them for their efforts, vigilance, and ideas!

How you can save at home:

- 🌿 Setback your thermostat at night when you sleep, and during the day, if no one is home. Programmable thermostats make this very easy.
- 🌿 If you have rooms that are not occupied for long stretches, close the vents and doors to the room to avoid heating the space.
- 🌿 Make sure your weather stripping around doors is in good condition.
- 🌿 Unplug the extra refrigerator or freezer you have in the garage or basement, until you need it. (Remember to leave the door slightly open when you unplug so air can circulate.)
- 🌿 Replace incandescent bulbs with compact florescent bulbs.

Sponsored by T'Green Olam,
Temple Beth Rishon's Green committee
For details go to www.bethrishon.org

More information:

Harriet Shugarman, info@climatemama.com

Mark Niederman, consult@ConservAction.US



www.ConservAction.US