

Green Sanctuary Congregational Survey

Category	Activity	\$ Needed
Worship & Celebration - Minimum of 2 Activites in this Category Required		
W1	4 or more Earth Centered Services during Church Year	n/a
W2	1 or more Summer Service & Village Worship each year	
Religious Exploration		
R1	25% or more of youth curriculum Earth Friendly with new Spirit Play mat'ls and Breakfast Club programs	
R2	Adult Film Series on Environmental topics, joint with other churches/ organizations	minimal
R3	Green Tips in Newsletter Continue	n/a
R4	Share Green Tips with Newspapers	n/a
R5	Donate Global Warming film collection to Goodnow Library	n/a
Environmental Justice - Minimum of 2 Activites in this Category Required		
E1	Think Globally: Make the Polar Bear our Mascot. Seek alliances with other organizations, e.g. Mass Audubon, EDC, the Regional Greenhouse Gas Initiative (RGGI), and other congregations (Temple Beth El has already expressed interest) to encourage individuals and institutions to reduce their burden, and thus mitigate global warming. Specific activities are likely to include a letter writing campaign to get the Polar Bear on the Endangered Species List and seeking other mechanisms by which we can positively impact this.	minimal

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E2	Act Locally: Encourage Sudbury & membership towns to the adoption of Green and LEEDS (Leadership in Energy and Environmental Designs) building practices for new town and commercial buildings. We will also educate ourselves and reach out to the wider community on better home practices for new and remodeling construction.	
E3	Act Locally: Become active supporters of the New England Wind Fund and help Sudbury and other towns to obtain and use funds for energy conservation projects	
<p>Sustainable Living - Minimum of 2 Activities in this Category Required Listed in order of decreasing estimated costs</p> <p>Energy & Water Conservation</p>		
S1	Atkinson Building: Replace the 1964 single glazed Patio Doors in the Brackett and Multipurpose (aka SED) rooms. These are a major source of heat loss, as well as not being either very secure or repairable. ROI is in dollars, comfort and security.	~\$50,000
S2	Meetinghouse: Insulate the ceiling space above the sanctuary. We lose a tremendous amount of heat through the ceiling. 60-70% total heat Mtg House; 22% loss thru ceiling; <u>\$13K/yr heating cost= 3.5yr ROI; Meetinghouse Preservation Fund \$ can be used here.</u>	\$6,500
S3	Bathrooms: Install 4 Dual-flush toilets in the lower Atkinson bathrooms and in the Parish Hall. These units greatly reduce our water consumption, using about 1.1 gallons for brown and 0.8 for yellow, versus 1.5 now. With the added number of SED children now utilizing our space, this not only conserves water, but will extend the life of our Septic system/ leach field by reducing the volume through it. ROI ~19 yrs, excluding Leach Field impact	\$2,200

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S4-a	Kitchen: Improve the dishwashing and hot water situations in the kitchen by: (a) Installing a tankless natural gas hot water heater to supply both the Kitchen and Parish Hall Bathroom \$770 for tankless heater, thus ~ \$1000 including installation. AND (these need to be done as a "pair:)	~ \$1,000
S4-b	(b) Replacing the dish dishwasher with a small commercial one with 3 minute cycle time. Currently we always use plastic/ paper, because we have no way to sterilize the dishes. With these two steps we can use our dishes, save on disposables, use less energy to get hot water whenever we need it, and be in compliance with Board of Health regulations should we want to serve meals for charge. ROI in reduction of throw away utensils and increased health safety.	\$3,400
S5	Kitchen: Replace the 25 cu. ft. refrigerator in the kitchen with a new Energy Star unit. SED plans to replace theirs as part of their "contribution" to our Green Sanctuary program, of which they are very supportive. We will both save money in the longer run AND our actions will speak to SED ROI NEEDED	\$1,750
S6	Basement: Replace older Humidifiers with Energy Star units. ROI NEEDED	\$280 ea.
S7-a	Energy Conservation: (a) Rebalance (and repair as needed) all heating/ cooling systems to minimize energy usage.	?
S7-b	(b) Replace incandescent table lamps in Bracket Room with Compact Fluorescent Lamps. \$0 because expect to be able to get these gratis.	0
S7-c	(c) Add items to "maintenance day" schedules items such as cleaning the coils on the refrigerators, dehumidifiers, etc. Also, when cleaning refrigerators be certain set to optimum temperatures using a thermometer.	
S8-a	Transportation: Reduce our driving by: a) Purchasing and installing a bike rack outside the Atkinson. Would YOU use it?	

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S8-b	b) Setting up a carpool system to facilitate people minimizing car trips to and from 1st Parish and other meetings. NOTE: Seems obvious, but we've been warned it is hard to actually implement. Would YOU actually participate in getting fewer cars to meetings?	n/a
S8-c	c) set up a ride sharing service so that people agree to pick-up and deliver others to services and other meetings at First Parish or where many 1st P attend?	
Education to Define Conservation Opportunities		
S9-a	Conduct 2 Congregational Audits - one this year and one near end of certification process. This audit will query members about home conservation practices, awareness and support. The purpose is two-fold: to establish a congregational baseline and then help us to change our priorities and behaviors. It will be anonymous, but qualified members will provide consulting assistance to members requesting help in improving their situations.	n/a
S9-b	Qualified members of the congregation will provide consulting assistance to those requesting help in home conservation, green living changes.	
S10	Audit/ regularly monitor our site usage and establish metrics for measuring ourselves. Include in this monitoring: electricity, gas, water, recycling volume, hours/ day building in use and by whom. Compile and analyze data to understand where the biggest usages are and then determine for next stage what we can do to further conserve in those areas.	n/a

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Recycling and Reducing Waste and Toxics:		
S11	Increase the Recycled Content of purchased paper products and trash bags. Work with SED, Office and RE to institute bulk purchasing of all office-type paper products so that we can cost effectively use the most environmentally responsible materials.	minimal
S12	Re-institute the proper regular recycling of materials in the recycling bins in the kitchen, so that they aren't often full and unusable. Find responsible person(s) to regularly and properly empty bins in Kitchen to outside barrels in Carriage Shed.	minimal
S13	Function Recycling: Place larger recycling bins set out in plain sight at all appropriate gatherings for the recycling of returnable and recyclable bottles and cans.	n/a
S14	Create a Training Packet for all volunteers and committee members with clear instructions on use of all electronic and energy equipment and recycling, so that all know how to be responsibly green.	n/a
S15	Reduce Toxics on Property by: a) Working with Cleaning Service to minimize toxics	
S16	b) working with SED to reduce carpet toxics	
S17	c) eliminate Triclosan containing products since neither necessary nor effective.	