

## WESTMOUNT PRESBYTERIAN CHURCH PLANNING FOR THE FUTURE

### **GOALS:**

1. A place of worship for our congregation which includes room for fellowship and education.
2. Use our resources to advance love and justice.
3. Continue our long-time role of support in the community of North Glenora.

Duly moved/seconded and carried at a congregational meeting:

“That we explore the feasibility of leveraging our land resource to build a complex in partnership with the Edmonton Inner City Housing Society, the Mennonite Newcomers Society and perhaps others which could possibly result in:

- Providing affordable housing primarily for large families.
- Providing worship and program space for our congregation.
- Providing program space for non-profit organizations.”

*Hi Corinne, thanks for giving feedback on the status of crime prevention activity in your community. Some respondents expressed interest in knowing what we in Greenfield and our surrounding communities are seeking to accomplish, even though local crime rates are relatively low. Please feel free to forward this to Bruce Jakeway.*  
Sue Day

Here is our update:

### **Community Crime Prevention**

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After last year's SW community Crime Prevention Forum held in late September, a number of interested individuals met in January to follow up, discuss concerns and exchange ideas. As a result, a committee has formed with goals aimed at deterring local criminal activity - in firm belief that an environment "uninviting for crime" can best be established in communities where neighbors know one another. Plans to promote this idea are the first step of our Crime Prevention Initiative. The committee has investigated crime prevention measures other communities are undertaking.  
City Wide Community Feedback

The Crime Prevention contact people in various communities were provided by EFCL. Some 30 (community leagues) were recently messaged with an inquiry. Several responded, describing a variety of neighborhood crime prevention/security programs in action, including patrols, systems of reporting to a leader, leaders and or community league, and in some cases, using a general email address for anonymous tips/reports within the community. Also, information posted via a Community Facebook page. Programs may operate parallel with a Community League, originating either because of problems in a neighborhood, or because of a particular criminal occurrence. Successful programs clearly rely on effective volunteer recruitment and are dependent on individual commitment within the community.

Our Southwest, Sector 3, EPS Community Liaison Officer (servicing 25 communities) attended our recent CCP committee meeting and gave us a better understanding of how we can most effectively work together. In addition to our findings, a variety of information was shared, including the following:

- Community Crime Prevention
- Neighborhood Watch, Block Party pkg.
- "Knowsy Neighbours" and other Safety Tip leaflets
- Safe Parents
- Emergency Preparedness Guide
- Household Emergency Information Checklist

We inform ourselves locally, via the EPS Crime Files/Crime Maps, to be aware of specific criminal activity in our area. We also seek to become better alerted through effective communication, as to actual or suspected undesirable activity in the community, such as drugs and prostitution, also businesses targets for robbery, not otherwise reported.

The following recommendations are an outcome of present interests and concerns:

- E-mail contact and exchange of information with our EPS Community Liaison Officer
- Be routinely active and ongoing
- Cooperating in Crime Prevention, amongst Greenfield, Royal Gardens and Aspen Communities
- Getting a "BUZZ" going... tips on crime prevention aimed at all ages within the community, by ensuring a reliable chain of communication/links for all residents, particularly kids, youth and seniors.
- Community Contact - talking to seniors, kids, working with local schools, advocacy for crime prevention and awareness, effective crime/prevention info. to households without internet/cell phones
- Exploring potential of a "one stop APP" to serve the community interests regarding safety and prevention, awareness, tips and information.
- Another "PR" Crime Prevention Meeting of the larger community anticipated when the above goals have been addressed and or met.

## Solar Report Update April 16th 2013

The EFCL and the City of Edmonton came up with a Solar Energy Package for up to seven leagues last summer. .

A committee was formed, we attended the roll out of the program and further meetings about what we would receive and the committee recommended to the board that though the solar Photovoltaic panels would look good they would not contribute much to savings.

However part of the package was a Energy Audit performed by C>Returns a company well versed in Energy savings. The board agreed with the process and we put our names into the hat for a chance for a Solar System. The cost at that time was \$6,000 dollars and the value of the package was reported as 22 thousand dollars.

North Glenora was chosen as one of the seven and work proceeded with the Solar Panels but permitting and supply prevented installation before winter set in. In the mean time the energy audit was performed and though it took some time we did receive the full report, with a corrected report coming to us in January.

There was some discussion on the report but no action took place as Solar wasn't going to be installed until the spring. Then April 4th we received a notice that we had until the 17 to send in our selection of updates based on the list presented and approved by the Municipal Climate Change Action Center and only those items would be approved. Also we were informed that the EFCL would be participating in the program as well. (taking away an 8th league getting solar)

Ryan drafted a letter which Bruce sent out showing our displeasure and the responses were a little wishy washy though it turns out that there is a later deadline in May. We also pointed out that the points in the Retrofit Business Case didn't allow for any other options to get to the same end.

C-returns said to send in our options and they would look at them though we had to cost them out. Well that has proven difficult and in the time available there's no way to get other quotes. Things just don't move that fast.

So we have prepared a revised listing and will be sending that in to C-returns with a request for the later deadline.

Retrofit Option	Cost	Annual Savings	MCCAC Contribution	Return on Investment	Simple Payback (Years)	Energy Consumption Reduction (%)	GHG Reduction
HVAC- Install one HRV Office, washrooms playschool	\$8,000						
2 Set back Thermostats	\$2,000.00						
Remote interface Motion Sensors	\$500						
DHW pump, part of set back remote	500.00						
CO-2 fan control part of set back	\$1,000.00						
Weatherstrip and caulking	1,113						
Replace Lights with LED's as required	1,556						
Delamp fixtures, done except for chair storage which is hardly ever used	0						
Install SolarWall Solar Thermal Collector on upper half of hall. Waiting on costing							
Wall would vent to Air Handler on roof							
Replace Sodium Vapor lamps on building and in parking lot	\$20 sq foot approx. replacing wood cladding second storey of hall. South and South West \$300 -400 per fixture Lumark LED wall packs						
ecobee thermostat EMS model	LED roadway fixture (not post 1500 each.. installation extra \$400-\$500 ea						
Remote interface Motion Sensors handles up to 10 contacts	150.00						
CO2 sensor	200.00						
Motion Sensors	2 x 100.00						
Labour to install?							

**Retrofit Business Case Analysis**  
 City of Edmonton - North Glenora Community League



**Retrofit Details**

Retrofit Option	Cost (\$)	Annual savings(\$)	MCCAC Contribution (\$)	Return on Investment (RoI, %)	Simple Payback (years)	Energy Consumption Reduction (%)	GHG Reduction (tCO2e)	GHG Bonus (\$)	
HVAC - Install 2 heat recovery ventilators	21,528	999.56		4.6%	21.5	29.85%	7.9	\$712	
HVAC - Use timer for special events	2,392	216.55		9.1%	11.0	6.5%	1.7	\$156	
HVAC - Replace thermostats with motion sensors	3,588	349.83		9.8%	10.3	10.4%	2.8	\$251	
HVAC - Run DHW circulating pump on time clock	598	83.28		13.9%	7.2	2.5%	0.7	\$60	
HVAC - Temperature sensor ceiling fan control	1,196	83.28		7.0%	14.4	2.5%	0.7	\$60	
Install superdoor	840	6.83		0.8%	122.9	0.2%	0.1	\$5	
Install 2 retrofit windows, R value=8	1,836	6.53		0.4%	281.1	0.2%	0.1	\$5	
Weatherstripping and caulking	1,113	208.75		18.8%	5.3	6.2%	1.7	\$150	
Install 10" cellulose insulation for built-up roofing	1,824	81.12		4.4%	22.5	2.4%	0.6	\$58	
Replace 46 existing lights with CFLs & LEDs	1,556	62.57		4.0%	24.9	0.30%	0.3	\$28	
Delamp 50% of fixtures (office, storage, halls)	35	22.39		64.9%	1.5	0.11%	0.1	\$11	
Replace sodium-vapor parking lot lamps with LED lamps	2,645	306.6		11.6%	8.6	1.5%	1.6	\$144	
Install roof solar PV array (5 x 235 W models)	12,863	220.31		1.7%	58.4	1.0%	1	\$94	
Install 1 solar thermal collector	8,855	67.83		0.8%	130.5	2.0%	0	\$45	
Install wind turbine	31,050	672		2.2%	46.2	3.2%	3.1	\$279	
<b>Project Grand Totals</b>	<b>\$91,917</b>	<b>\$3,387</b>		<b>\$ 7,143</b>	<b>3.7%</b>	<b>27.1</b>	<b>68.9%</b>	<b>22.8</b>	<b>2,056</b>

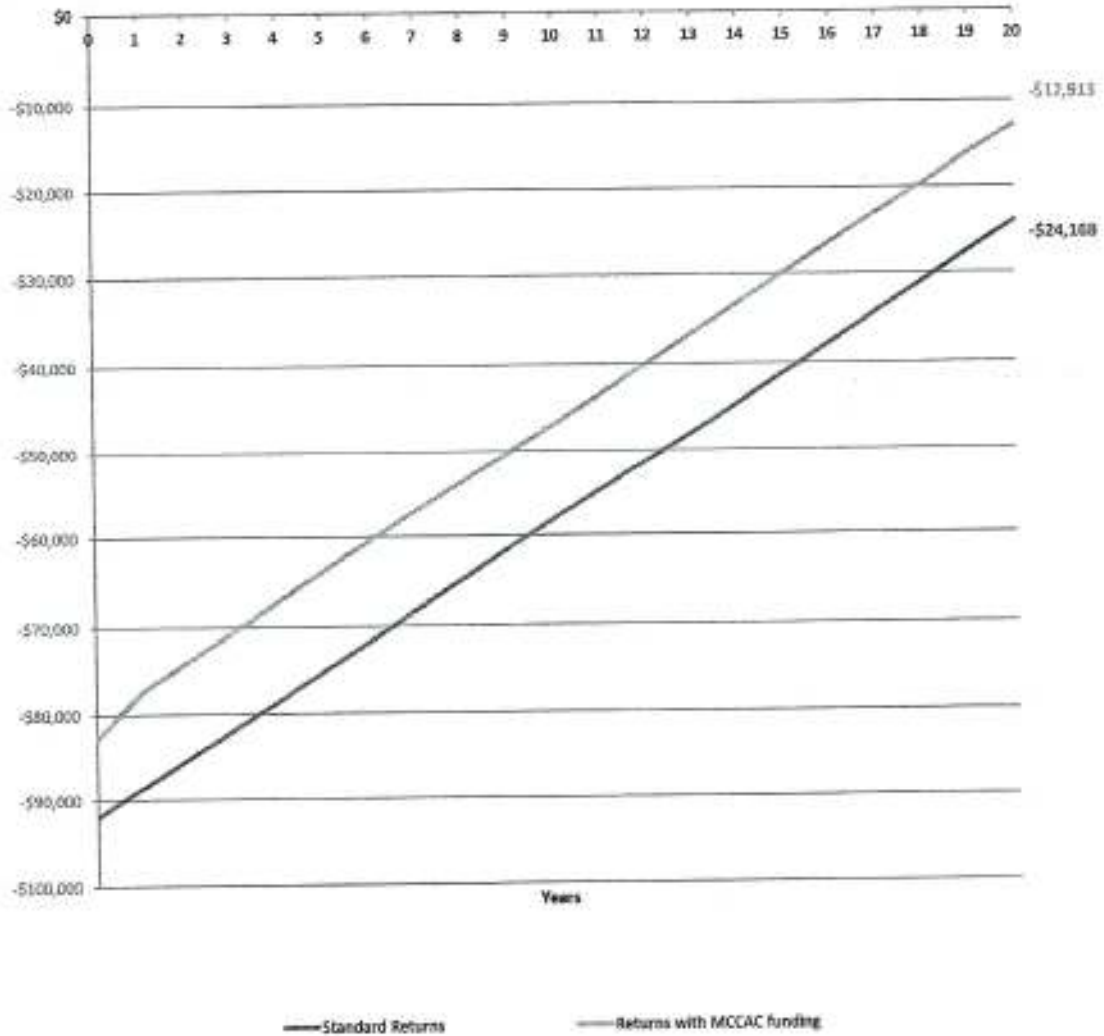
**Assumptions:**

- 1) Avoided Costs are not included
- 2) Equipment replacement costs are not included
- 3) Electricity = \$0.140/kWh
- 4) Natural Gas = \$6.25/GJ
- 5) No inflation applied to energy costs over time

MCCAC Funding Impact	
MCCAC Rebate Funding	\$ 7,143
Potential GHG Bonus funding	\$ 2,056
<b>Total potential MCCAC funding</b>	<b>\$ 9,199</b>
Project Cost with MCCAC Funding	\$ 82,718
% of Project Cost Covered by MCCAC	10.0%
ROI with MCCAC Funding	4.1%
Payback with MCCAC funding (Yr)	24.4

+0.4%  
-2.7 years

### Lifetime Project Returns



Note: The numbers stated here are the values calculated using estimated data and while they are believed to be reliable they can not be guaranteed and are intended for illustrative purposes only. Energy prices stated here are representative estimates meant for illustrative purposes only and may vary from market prices.