



**Greenbelt Community Solar Annual Report and Financial Statement
Calendar Year 2014**

Table of Contents

1. The Year in Review 2
2. Balance Sheet..... 4
3. Profit and Loss Statement..... 5
4. Goals Reached..... 5
5. Thanks and Kudos 5
Greenbelt Community Solar Management Committee:..... 5

Issued by Authority of the Management Committee

Steve Skolnik, Chair

Jerry Bonnell, Treasurer



1. The Year in Review

The Array: The 9-by-10 array of 245-watt panels was installed on the Greenbelt Baptist Church in 2011, each panel fitted with a micro-inverter, for a total of 90 panels and a system size of 22.05 kW. The modeling of the array projected that it would produce approximately 40% of the church's annual electricity consumption. 2014 was the third full year of operation.

Array Performance: The solar array performed well with no significant problems and functioned as anticipated. The actual production of electricity by the array for the entire 2014 calendar year is shown in **Figure 1**. Substantial dips in January, February and March represent low points for electricity generation from the snow-covered array. The total electrical energy produced for 2014 was 25.5 MWh (megawatt-hours), compared to 25.7 MWh in 2013 and 27.4MWh in 2012. The slight reduction in energy generation for 2014 and 2013 compared to 2012 is likely weather related.

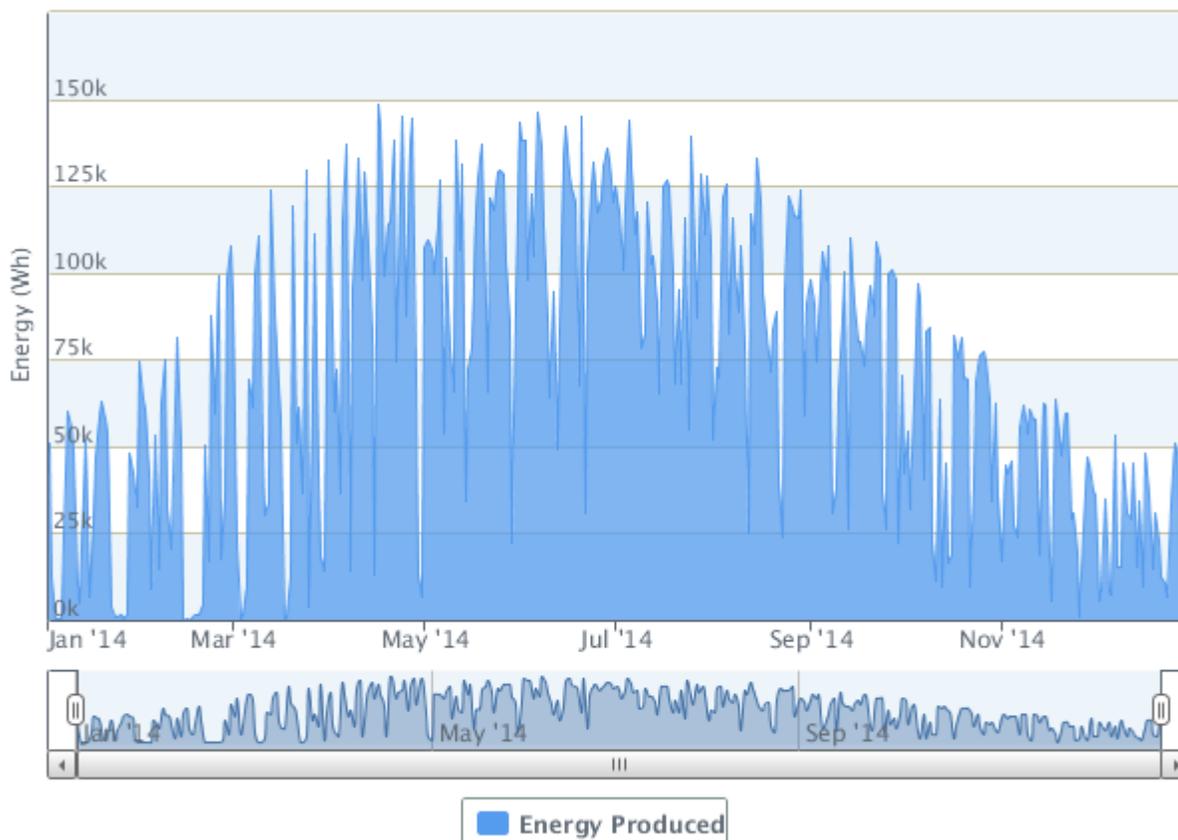
The array performance can be viewed on the web in real time at the following URL:

<https://enlighten.enphaseenergy.com/public/systems/ddAZ51813>

Electricity Sales: The power purchase agreement remains in effect and the price remains the same to the church during the first three years. For 2014 the rate was \$14.5 per kWh and total electricity sales was \$3,697.22. This amount is 2014 income and was included in the normal end-of-year distribution to members. We continued to bill quarterly to reduce administrative costs.

Solar Renewable Energy Credits (SRECs): In 2014, Astrum Solar (our broker) sold 36 SRECS. Total sales amounted to \$4,923.00 for an average price of \$137/SREC. That is below the price of ~\$180/SREC we received in 2013. The total SREC sales amount is 2014 income and was included in the normal end-

Figure 1. Summary data on array productivity for 2014. Total Energy Produced: 25.5MWh





of-year distribution to members. On an optimistic note, 2015 SREC prices are currently higher.

Distributions of Income: A distribution to members in December 2014 of \$6,000 represented income from the sale of solar electricity and SRECs, minus operating expenses.

Distribution of Unused Membership Contributions: During the Annual Meeting in December 2013, a concern was expressed that retained funds were over and above any reasonable contingency and that we should consider returning some of this original contribution to members. In 2014, adopting the scenario outlined in **Table 1**, the management committee voted to retain a reasonable buffer of one year's worth of operating expenses (~\$2,500) and one insurance deductible (\$500). The remainder of ~\$14,000 was distributed in August as a reimbursement of member contributions. This return of original member contributions is not taxable income.

Table 1. Reimbursement of Initial Contributions

Balance Jan 1, 2014	\$22,925.50	
Net Distribution of 2013 Sales	-\$5,998.00	
Total Potential Distribution	\$16,927.50	
Accounting Fee		\$1,200.00
Business Insurance premium		\$950.00
Maryland LLC fee		\$300.00
Website Registration		\$15.00
Total Operating Expenses-	\$2,465.00	
1 yr ops cost	\$2,465.00	
1 ins. deductible	\$500.00	
Total to be Retained	\$2,965.00	
Amt to distribute	\$13,962.50	



2. Balance Sheet

This 2014 balance sheet was prepared by Richard Simonen, the GCS accountant. It shows a financially healthy operation with a bank balance of \$4,348 on December 31. The large change in total assets in 2014 compared to 2013 is due in part to the August 2014 distribution of unused member contributions.

2014 Balance Sheet:

	Dec 31, 14	Dec 31, 13	\$ Change
ASSETS			
Current Assets			
Checking/Savings			
M&T Bank XX2491	4,348	22,926	-18,578
Total Checking/Savings	4,348	22,926	-18,578
Total Current Assets	4,348	22,926	-18,578
Fixed Assets			
Acc. Depreciation-Solar Panels	-48,829	-35,662	-13,167
Solar Panels	68,580	68,580	0
Total Fixed Assets	19,751	32,918	-13,167
TOTAL ASSETS	24,099	55,844	-31,745
LIABILITIES & EQUITY			
Equity			
Opening Balance Equity	133,500	133,500	0
Retained Earnings	-77,656	-61,676	-15,981
Net Income	-31,745	-15,981	-15,764
Total Equity	24,099	55,844	-31,745
TOTAL LIABILITIES & EQUITY	24,099	55,844	-31,745



3. Profit and Loss Statement

The profit and loss statement shows that GCS did not make a profit on its operations after accelerated depreciation of the array is considered as allowed by Federal tax rules. The losses due to depreciation this year are partially offset by revenue. The reported monthly electricity sales numbers reflect quarterly billing. Total income reported from SREC and electricity sales is \$8,620. Once operating expenses were accounted for, a total of \$6,000 was distributed as income to members in December. This number is not the same as reported on the members K-1 notification due to depreciation. Because this income is defined as ‘passive’ we can only take the loss to the extent of income, resulting (for most people) in a zero effect on taxes. A distribution of \$13,994 in August represents the additional return of original member contributions.

2014 Profit and Loss:

	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
Ordinary Income/Expense													
Income													
Electricity-	553	0	0	547	0	0	1,363	0	0	1,234	0	0	3,697
SHREC sales	0	0	0	3,175	0	0	0	795	0	953	0	0	4,923
Total Income	553	0	0	3,722	0	0	1,363	795	0	2,187	0	0	8,620
Expense													
Accounting & Tax Preparation	1,200	0	0	0	0	0	0	0	0	0	0	0	1,200
Bank Fees	0	0	0	0	0	0	0	6	0	0	0	0	6
Depreciation-Solar Panels	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,097	1,100	13,167
Total Expense	2,297	1,097	1,097	1,097	1,097	1,097	1,097	1,103	1,097	1,097	1,097	1,100	14,373
Net Ordinary Income	-1,744	-1,097	-1,097	2,625	-1,097	-1,097	266	-308	-1,097	1,090	-1,097	-1,100	-5,753
Other Income/Expense													
Other Expense													
Distributions	5,661	337	0	0	0	0	0	13,994	0	0	0	6,000	25,992
Total Other Expense	5,661	337	0	0	0	0	0	13,994	0	0	0	6,000	25,992
Net Other Income	-5,661	-337	0	0	0	0	0	-13,994	0	0	0	-6,000	-25,992
Net Income	-7,405	-1,434	-1,097	2,625	-1,097	-1,097	266	-14,302	-1,097	1,090	-1,097	-7,100	-31,745

4. Goals Reached

We have successfully navigated a third full year of operation with steady energy production and the sale of SRECS at a respectable if not stellar price. We have gained confidence in the performance of the array and in our financial status.

5. Thanks and Kudos

The Management Committee wishes to thank its members, its Baptist Church customer, and all those whose energy and commitment continue to make this a successful community venture. It’s nice to know that when you do the right thing, it can actually pay off for everybody!

Greenbelt Community Solar Management Committee:

Bonnell, Jerry; Fisher, Shalom; Gervasi, Frank; Mason, John; Meetre, Cathie; Robles, Luisa; Rosenthal, Lore; Skolnik, Steve. Steve Lindner retired from the committee in 2014.

Former Committee Members: Lindner, Steve (2011-2014); Barish, Dale (2011); Kessel, Robert (2011 - Oct 2012)