In 2012, Wayne and Diane Mackey’s home in Chambersburg, PA was the fifth project in North America, and the first in Pennsylvania, to officially meet the Thousand Home Challenge.

**Five Year Summary of the Results (2012-2017):**

We had an average annual electric utility bill of $204.46, or $17.03 per month.

During this same 5-year period, the cost of electricity went from $.07 per kWh to $.12 per kWh and then back down to $.10 per kWh today.

This represented a 30% increase, and up to a 56% increase for a while, and then back down to a 30% increase today.

Based on our 2007, pre project total annual electric bill of $2,100, we would have been paying $2,730 at a minimum during each of the past 5 years.

Therefore, we saved an average of $2,500 a year, for a total 5 years for a total savings of $12,500.

Our electric utility paid us an additional $.05 per kWh for any power we produced, but did not use, that was sent into the grid amounting to a total of $542.54.

To date, we have made a total of $17,578 on renewable energy credits.

We saved an additional $600 by powering our 2012 Electric Chevy Volt.

*Total project savings and earnings combined to date: $31,220.54!*

This was enough to pay for all of our utility bills, our school taxes, and our property taxes during this 5-year post project period.

*Our carbon footprint has been dramatically reduced to near zero.*