



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Solar Energy World

5681 Main Street

Elkridge, MD 21075

(410) 579- 2009

www.solarenergyworld.com

Renewable Energy, Solar Installer

Member since October 2011

Management and Leadership



Environmental Team

Solar Energy World's environmental team was first formed in January 2011 when our business bought a combined office/warehouse building and decided to start working towards the goal of becoming Energy Star rated. While still aiming for that objective, our environmental team is comprised of four employees of various company departments. Meeting on a quarterly basis, we sit down to record our energy usage/production data while consistently tracking the information through spreadsheets. Currently we are in the process of arranging our energy audit division to perform a full audit of our own building during a workday. In addition to learning where we can improve our building's efficiency before cold weather arrives, we hope our own staff can contribute and be involved in the testing process.



Environmentally Preferable Products and Services

As a company that specializes in the installation of solar electric systems, Solar Energy World is a service provider to those looking for a green alternative energy source. Solar system implementation reduces environmental impact by providing energy produced onsite rather than power produced through other sources such as coal-burning power plants. We fully design, engineer and install solar energy systems for homeowners and commercial businesses. In addition, Solar Energy World offers an energy audit division for consumers looking to retrofit and evaluate their own energy efficiency.

Waste

Recycling

As an office, we collectively try to refrain from excess paper usage and rely on digital copies whenever possible. That said, paper and other recyclable waste which we do produce is collected and then recycled at a nearby facility. Additionally, because many of our products arrive in cardboard packaging, we invested in a cardboard bailer to further reduce waste hauling expenditures.

Energy

Energy Efficiency

Since moving into our current location over six years ago, Solar Energy World has renovated a former automotive warehouse and updated it with energy efficiency measures. Motion activated light switches were installed in place of traditional switches to prevent wasted electricity in areas not in use. In addition, all windows were replaced with Energy Star rated windows and solar screens were added to block off afternoon heat gain and further reduce cooling costs during summer months.

Renewable Energy

In the spring of 2011, Solar Energy World completed installation of our own 48 kW rooftop solar electric system. It is estimated to offset the equivalent of 79,788 lbs. of carbon dioxide annually and save us approximately \$5,800 a year on utility costs. Based on our electricity usage so far, it has offset close to 50% of our monthly consumption.

Transportation

Fleet Vehicles

The nature of our business requires both our sales staff and installation crews to travel to clients' homes and businesses, so we rely heavily on fleet vehicles and drive time efficiency. To better serve our customers in Maryland and surrounding areas, many of our sales staff work from their home in varied locations and are assigned to assist customers in close geographic proximity. In addition, while scheduling installation and inspection times, we group them in clustered areas so that we are mindful of fuel consumption and miles put on fleet vehicles.

Profile Updated December 2015



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

