



Can Wind and Solar Make your Business More Profitable \$



Wind Power and Solar Field Day
for the Nursery, Landscape and Greenhouse Industry
June 23, 2009

Brought to you by the Central Maryland Research and Education Center office at the University of Maryland Cooperative Extension in cooperation with the Maryland Greenhouse Growers Association, the Maryland Nursery and Landscape Association, the Maryland Arborist Association, Landscape Contractors Association MD-VA-DC, and MDA.

Are you looking to save money ? Would you like to own an even “greener” business? We have asked several alternative energy using horticulture and small business operations in central Maryland to open their doors to you. This will allow you to see what alternative energy sources are available, give you the opportunity to speak with the owners and to assess the cost effectiveness for small to medium size horticulture businesses.

- ❖ Visit Ruppert Nursery’s LEED certified office and workshop,
- ❖ See newly installed solar system and wind turbine at Capitol Landscape and Nursery operation
- ❖ Watch as Pogo’s Organic nursery filters used cooking oil and runs their trucks and equipment on Bio-Diesel
- ❖ Have lunch at the Brick Ridge Restaurant of Mt. Airy, Maryland currently using wind power and looking into solar heated water,
- ❖ Visit Carlos Fernandez’s 25 acre farm in Frederick County where over 10 wind turbines keep the lights on!

Cost: \$25.00 this will cover literature, light refreshments and cost of lunch at Brick Ridge Restaurant

Tour Information: Participants meet at the locations. Those that want to carpool can join together with other participants at our first location to carpool through the day.

Time: We start this field day at 7:00 a.m. and you will be finished by 4:00 p.m

Directions to first location: Pretty Penny Farm- Pogo’s Organics -21601 New Hampshire Ave, Sunshine, MD
This farm is located near Brighton Dam located off Rt. 650 (New Hampshire Ave) just south of the intersection of Rt. 650 and Rt. 97.

Coming from the south

Take Rt. 650 North. You will pass the intersection of Brighton Dam Rd and Rt. 650. Pretty Penny Farm is about 1 mile past this intersection. The farm will be on the left side of the road coming from the south. Follow the driveway which is about ½ mile to come to the farm.

Coming from the north

If you are coming from Rt. 70, running between Frederick and Baltimore, take Rt. 97(Georgia Ave) south to Sunshine, Maryland. At Sunshine Rt. 97 and Rt. 650 intersect. Make a left onto Rt. 650 heading south. Pretty Penny Farm will be on your left side of the road. 21601 New Hampshire Ave, Sunshine, MD.

Name: _____ Business: _____
Name: _____ Business: _____

Registration- limited to the first 60 people to sign up:

Cost - The registration fee is \$25.00 per person.

Checks are made payable to the University of Maryland and mailed to 11975 Homewood Road, Ellicott City, MD 21042.

We can accept credit cards for registration. Call our office at 301-596-9413

June 23, 2009

7am-8:30 – Pogo's Organics Home of -- Pretty Penny Farm, Bio-Diesel Fuel

Can you make your own bio-diesel fuel for your nursery or greenhouse operation? Learn from Frankie Abrialind and other experienced experts at Pretty Penny Farm what is involved in this process. Pretty Penny Farm is a 189 farm with composting facility on the location. Pogo Sherwood owns Pogo's Organics and is co-owner of this farm and they have been using bio-diesel fuel for several years.

9-10 – Ruppert Nursery - Why have a LEEDS Building for your Offices –
23601 Laytonsville Road, Laytonsville, Maryland

Ruppert has built energy efficient and environmentally friendly office building that meets the green requirements of a LEEDS building. They have also built an environmentally friendly equipment repair shop on the grounds. Participants will get the chance to view this operation see if this approach would work in their horticultural operation. Craig Ruppert, CEO, and Dean Rasco, Construction Manager will conduct the tour

10:30-12 - Capital LLC - Solar Panels and Wind Turbines can lower your utility bills!
15240 Frederick Rd (Rt. 144), Woodbine, MD

In the fall/winter of 2008 Capitol City installed solar panel on the roof of their office and followed this with installation of a Skystream 1.9 W wind turbine. They have been operating these two technologies at their landscape/nursery operation for several months. Owner, Brent Rutley will share his experiences and what his actual energy savings have been to date.

12:15-1:15 – Lunch at the Brick Ridge Inn – Your lunch prepared with the help of Wind power.
6212 Ridge Road (Rt. 27), Mt. Airy, MD

Todd Bricken, owner of Brick Ridge Restaurant installed a Skystream wind turbine in the fall of 2008. He is planning on installing a solar hot water system to add to the energy efficiency of his restaurant. Todd will give a short introduction to their system at the restaurant. We will then be served lunch at the restaurant.

2:30-4 – Potomac Wind and Energy Company – Getting off the Grid and getting a check from the electric co.!

Energy Farm, 6663 Dickerson Rd, Rt. 28, Dickerson, Maryland

Dr. Carlos Fernandez has installed several types of wind turbines on 25 acres of land. Carlos has some of the wind turbines charging batteries to run parts of his operation. Other wind turbines feed directly into the grid which turns his electric meter back in his favor. We had Dr. Fernandez speak at the November energy conference for the green industry and he was a big hit. He is able to bring this whole wind turbine use into understandable terms. This stop will top off a full day and should help you make a decision on alternative energy sources for your business.