

## **2007 Piedmont Alternative Energy Program Registrants As of 22 May 2007**

### **Appleton Campbell**

Mark Campbell  
100 East Franklin Street  
Warrenton, VA 20186  
540-347-0765  
toldfather@appletoncampbell.com  
www.appletoncampbell.com

Appleton Campbell is a leader in the design and installation of energy-efficient heating and cooling systems for homes and businesses. Appleton Campbell utilizes technologies developed by companies such as WaterFurnace (geothermal systems), Unico (high velocity duct systems), Rinnia (tankless water heaters), and Veiga (radiant systems). The company also installs wood, corn, and soybean boilers.

### **Association of Energy Conservation Professionals**

Billy Weitzenfeld  
220 Parkway Lane, Box 5A  
Floyd, VA 24091  
540-745-2838  
aecp@swva.net  
www.aecp.org

AECP is an energy education and advocacy organization that is involved in many projects related to providing energy education to the general public. AECP currently is developing a sustainable living educational center.

### **Blue Ridge Yurts**

Kathy Anderson  
369 Parkway Lane South  
Floyd, VA 24091  
540-745-7458  
kathy@blueridgeyurts.com  
www.blueridgeyurts.com

The mission of Blue Ridge Yurts is to provide fast, affordable, environmentally friendly shelters that can fill a variety of needs for the Blue Ridge area and beyond. Blue Ridge Yurts will be setting up a yurt at the Piedmont Alternative Energy Expo.

### **Chesapeake Climate Action Network (CCAN)**

Diana Dascalu, Senior Campaign Director, Virginia  
P.O. Box 40958  
Arlington, VA 22204  
703-772-2472  
diana@chesapeakeclimate.org  
www.chesapeakeclimate.org  
CCAN Fauquier County Chapter  
Archer Gilliam and Troy Holland  
662 Battle Mountain Road  
Amissville, VA 20106  
540-937-7590  
agilliam2@earthlink.net

[www.chesapeakeclimate.org](http://www.chesapeakeclimate.org)

CCAN is a grassroots, non-profit organization dedicated to fighting global warming in Maryland, Virginia, and Washington D.C. Its mission is to educate and mobilize citizens of this region in a way that fosters a rapid societal switch to clean energy and energy-efficient products, thus joining similar efforts worldwide to slow and halt the dangerous trend of global warming. CCAN is a broad coalition of farmers, students, coastal mayors, scientists, health professionals, businesses, fishermen, environmentalists and people of faith working together to preserve our children's future. Help us educate the public about the coming impacts of climate change and build on recent clean energy legislative victories in Maryland and D.C.

### **Commonwealth Sustainability Works**

Andrew Grigsby

P.O. Box 633

Culpeper, VA 22701

540-219-8912

[andrewgrigsby@commonwealthsustainability.com](mailto:andrewgrigsby@commonwealthsustainability.com)

[www.commonwealthsustainability.com](http://www.commonwealthsustainability.com)

Commonwealth Sustainability Works provides professional consulting services in the areas of green buildings, sustainable community development, and strategic planning. They help clients design, construct and furnish efficient, healthful homes, schools, and other buildings. Working with public officials and citizen groups, the company promotes diverse, walkable communities, preservation of rural land, and green economic development. They also consult with businesses and other organizations seeking to reduce costs, increase productivity, and improve environmental performance.

### **COTEFECO Corporation**

Andrea Zunzer

830-B John Marshall Highway

Front Royal, VA 22630

540-622-2828

[azunzer@cotefco.com](mailto:azunzer@cotefco.com)

[www.cotefco.com](http://www.cotefco.com)

COTEFECO is an acronym for Combustion Technology Efficiency Collaborative. COTEFECO offers its Emulsion to Combustion (E2C-unit)<sup>TM</sup> products and services for a wide variety of emissions reduction and fuel savings applications. The COTEFECO process reduces emissions and may deliver significant fuel savings in institutions, factories, manufacturing plants, and almost any facility where heat plays a major part in the conversion of raw materials into useable products.

### **Eating Locally**

Christina Loock

Amissville, VA

[Chrisbird75@yahoo.com](mailto:Chrisbird75@yahoo.com)

For every week that each US citizen eats just one meal made from locally and organically grown meat and produce, we reduce our consumption of oil by 1.1 million barrels! Learn how you can support local farms, eat healthier, and save energy.

### **ECO Solutions LLC**

Pat Cassidy

673 Potomac Station Drive, Suite 703

Leesburg, VA 20176

571-246-1500

ecosolutionsLLC@aol.com

www.ecosolutionsLLC.com

Concerned about your water and air purity? ECO Solutions has affordable whole house air and water purifiers. The company also offers comprehensive water testing, whole house purification systems, advanced air purification systems, environmentally friendly on-site septic systems, and more.

### **Green Man Forest Management**

Justin Lamountain

P.O. Box 762

Warrenton, VA 20188

703-357-2403

justin.lamountain@gmail.com

www.greenmanforestmanagement.com

Coupling science and traditional knowledge, Green Man Forest Management provides landowners with an ecologically sound and economically viable market alternative to conventional forest management. The mainstay of this management approach is a program of systematic, restorative harvesting using low-impact modern, animal-powered extraction. The major benefit of this approach is that the ecological health and subsequently the economic value of the forest increases over time. The forest remains intact and so does its ability to provide invaluable ecosystem services, such as wildlife habitat, clean air, carbon sequestration, water retention and purification, and soil enrichment and stabilization.

### **Helios Energy Solutions**

John Jerakis

Kevin Goode

P.O. Box 561525

Vint Hill Farms, VA 20187

703-869-4097

johnj@HeliosEnergySolutions.com

www.HeliosEnergySolutions.com

The future is now and Helios Energy Solutions is the wave! The company specializes in solar panels, wind generators, and back-up battery systems for farm, residential, and commercial uses. The benefits? Reduce power bills and sell power back to your providers. Even with financing, positive cash flow is feasible from day 1.

### **Jordan River Farm**

Cory Koral

Huntly, Virginia

540-636-4775

Cory Koral of Jordan River Farm will showcase his "off the grid" house and his alternative energy solutions. Cory will help Expo visitors determine whether they can use alternative energy sources in their home. He will share his checklist of factors to consider and spend time with Expo visitors to talk them through alternative energy choices, such as use of solar, micro-hydro, wind, and solar voltaic devices.

### **Light Speed Power, Inc.**

Charles Bigelow, Dale Waters

P.O. Box 514

Round Hill, VA 20142

540-338-0354

charlesbigelow@hughes.net

www.skypop.net

Physicist Charles Bigelow demonstrates the portability of the UNI-PAC™ 30 photovoltaic charger by UNI-SOLAR®. The UNI-PAC is designed to provide field communications, emergency power, and battery maintenance to military units, climbers, professional photographers, and others needing energy in the field. Bigelow, owner of the innovative technology company Light Speed Power, Inc., in Round Hill, Virginia, uses the UNI-PAC to charge batteries for his digital camera and other devices.

### **MoreSun Custom Woodworking, Inc.**

Stephen Morrison

463 Charlie Cobb Road

Mt. Rest, SC 29664

864-647-1669

steve@moresundesigns.com

www.moresundesigns.com

A business powered by solar energy and using locally harvested materials and natural finishes whenever possible, MoreSun tries to minimize its impact on the environment while supporting the local economy. MoreSun provides timber frames, SIPS panel enclosures, furniture, cabinets, and general woodworking. Whenever possible, materials are purchased locally, and environmentally friendly non-toxic finishes are used. The shop and home use an innovative solar-electric system to generate much of the power.

### **Oesch Environmental Design**

Fred Oesch

8683 Schuyler Road

Schuyler, VA 22969

434-831-1003

hfoesch@mindspring.com

www.fredoesch.com

Fred Oesch of Oesch Environmental Design has designed and built alternative architecture, custom interiors, furniture, and fine art for more than 30 years. His green building specialties include solar and zero energy homes, green oak timber frame, straw bale construction, living earth roof, and healthful environmental control systems. Oesch is available for residential or commercial design projects worldwide, including consultation, lectures, and teaching. Oesch will be on hand to present and discuss practical solutions toward affordable alternative building and energy independence, with natural materials and healthful environmental control. Also exhibiting at the Oesch booth is Jessica Jones Oesch of ForeverGreen with alternative energy for the human body, FrequenSea, a whole food ionic tonic with marine phytoplankton. Visit [www.healthpathways.org](http://www.healthpathways.org) or [www.myforevergreen.org/135763](http://www.myforevergreen.org/135763) for more information. E-mail [jessicajones38@earthlink.net](mailto:jessicajones38@earthlink.net)

### **Piedmont Biofuels Cooperative**

Matt Rudolph, David Thornton, Emily Warren, Greg Austic

P.O. Box 661

Pittsboro, NC 27312

919-321-8260

matt@biofuels.coop

www.biofuels.coop

Piedmont Biofuels is a worker and member-owned cooperative. Its mission is to lead the grassroots sustainability movement in the East Coast by using and encouraging the use of clean, renewable biofuels. In support of this mission, Piedmont Biofuels provides pure biodiesel (B100) to its community; provides a space where worker members can make their own fuel from waste vegetable oil; maintains a USDA Research Farm for oilseed crop research; owns an elaborate glycerin composting facility; provides education and outreach on both biodiesel and engine modifications to enable the use of straight vegetable oil as fuel; lobbies the North Carolina legislature, as well as our national representatives, on behalf of biodiesel and alternative fuels; and has an intern program that allows students to live onsite and learn about all facets of operations.

### **Piedmont Environmental Council**

Dan Holmes, Rose Jenkins

Headquarters

45 Horner Street

Warrenton, VA 20186

540-347-2334

[www.pecva.org](http://www.pecva.org)

The Piedmont Environmental Council is a 34-year-old nonprofit organization dedicated to promoting and protecting the Piedmont's rural economy, natural resources, history, and beauty. Each facet of PEC's work is strengthened by its place in a four-part strategy for ensuring a healthy, beautiful, and prosperous future for the Piedmont. PEC's work helps citizens to achieve four interrelated goals: understand and envision the Piedmont, protect what can be protected, respond to the forces of change, and direct growth to the right places.

### **Rappahannock League for Environmental Protection**

Rappahannock County, Virginia

Paul R. Farmer, President

P.O. Box 94

Washington, VA 22747

540-987-8759

[mail@RLEP.org](mailto:mail@RLEP.org)

[www.RLEP.org](http://www.RLEP.org)

RLEP is dedicated to preserving the natural resources and rural character of Rappahannock County, Virginia. RLEP helps the community understand issues, challenges, and initiatives that affect our natural and cultural landscape. RLEP also encourages citizens to become active participants in those things that make an environmental difference; whether defending threats to the good land we are blessed with, or promoting good programs to manage our precious environmental resources for succeeding generations. RLEP is the host, founder, and primary sponsor of the Piedmont Alternative Energy Expo.

### **RASP Technologies**

Robert O. Miller

P.O. Box 542

Madison, VA 22727

540-923-4772

[rmiller@nexet.net](mailto:rmiller@nexet.net)

RASP Technologies, LLC has developed a highly efficient, continuous-flow chemical reaction and separation process that is both compact and inexpensive to operate. This system of reacting fluids will have broad applications in the environmental, chemical, and pharmaceutical industries. Currently, RASP Technologies has developed a unit that produces ASTM-quality biodiesel fuels

at a cost now available only to large-scale production facilities, while requiring a fraction of the support infrastructure. This process can meet the needs of a community or region for fuel production utilizing locally-grown agricultural products.

### **Recovered Energy Resources**

Bradley Schneider  
P.O. Box 488  
Washington, VA 22747  
540-675-2492  
reroffice@comcast.net  
www.recoveredenergyresources.com

Recovered Energy Resources develops small-scale, renewable-energy power plants that utilize materials such as biomass, animal manure, wood wastes, and trash as fuel. RER produces electricity and thermal energy in state-of-the-art modular power plants. The RER power plant is built on or adjacent to a customer's site and provides all or a portion of the energies needed to run their facility and processes. The advantages are stability in price, dependability in delivery, and sustainability of the environment.

### **Solar Connexion**

Bryan Walsh, Able Duffy, Ben Fields  
P.O. Box 10095  
Blacksburg, VA 24062  
540-961-5120  
RLEP@moonlightsolar.com  
www.moonlightsolar.com

Solar Connexion is a solar design and installation firm based in Blacksburg, Virginia. Exhibitor Bryan Walsh is an NABCEP-certified photovoltaic contractor. Since 1993, he has provided customers with the highest quality products and services from simple cabin to complex solar-powered communities. Walsh and his family live in an all-solar, off-the-grid home that he and his wife designed and which features both active and passive solar. Walsh is conversant with all aspects of solar power, collectors, hot water, and inverters.

### **Standard Solar, Inc.**

Brian J. Desmond, Regional Sales Director  
P.O. Box 83309  
Gaithersburg, MD 20883  
410-952-3585 (cell)  
301-349-2871 (office)  
briandesmond@standardsolar.com  
www.standardsolar.com

Standard Solar is a service company, providing design and installation expertise of solar PV electric and solar hot water systems for residential and small commercial customers interested in simple, hassle-free solutions to save money and conserve, using clean, renewable solar energy.

### **Sun Frost**

Larry Schlussler  
P.O. Box 1101  
Arcata, CA 95521  
707-822-9095  
larry@sunfrost.com  
www.sunfrost.com

Sun Frost manufactures high quality products to meet the needs of energy-conscious consumers. Brochures on Sun Frost's energy-efficient refrigerators and composting toilets are available at Expo.

**Sustainable Design Group**

John W. Spears, CEM, LEED A.P., President SDG  
22923 Wildcat Road  
Gaithersburg, MD 20882  
301-428-1040  
jspears@sustainabledesign.com  
www.sustainabledesign.com

Sustainable Design Group (SDG) is a full service residential design firm specializing in homes that are in complete harmony with man, nature and the spirit. SDG's president, John Spears, has been a pioneer in self-sufficient, green home design and sustainable community development worldwide since 1973. His work has been featured in many national publications including *Better Homes and Gardens*, *Building Ideas*, and *Popular Science*, and he has been featured several times on Home and Garden TV (HGTV), Dream Builders, and Old Homes Restored. His highly refined designs incorporate tested and proven techniques for building high-performance homes including passive solar heating and natural cooling, all natural non-toxic materials, compressed-earth brick walls, whole-house ventilation and filtration, solar power and hot water, geothermal heat pump and radiant floors, reused and recycled materials, rain water collection, green roof, composting toilets, Bau-biology, Feng Shui, and Vastu Vedic.

**TerraBuilt Corporation International**

David Oldaker, Stephen Keiley, Winston Johns, and Lee Miller  
P.O. Box 2153  
Middleburg, VA 20118  
540-341-0022  
ODL1@verizon.net  
www.terrabuilt.com

The GreenMachine produces tongue-and-groove TerraBricks made of subsoil for immediate use in the wall systems of houses and other structures. TerraBricks were used in the construction of the Weingarten house in Rappahannock County, Virginia.

**The Virginia Conservation Network**

Susan Ankrum and Nathan Lott  
422 E. Franklin Street, Suite 303  
Richmond, VA 23219  
804-644-0283  
suzanne@vecva.org  
www.vcnva.org

VCN is Virginia's only statewide network of over 110 environmental organizations, including RLEP, from across the Commonwealth. The Network's mission is to protect the Commonwealth's air, lands, and waters for the benefit of the people, as guaranteed by the Virginia Constitution.

**Virginia Sustainable Building Network**

Pamela Vosburgh, Annette Osso, and Paul Furlong  
P.O. Box 6539  
Arlington, VA 22209  
703-486-2966

[pam@vsbn.org](mailto:pam@vsbn.org)

[www.vsbn.org](http://www.vsbn.org)

VSBN promotes environmentally sound—or Green Building—practices for Virginia. These building designs, methods, and materials save energy costs, reduce waste, and promote recycling, reduce environmental impacts and exposure to unhealthy substances, strengthen local economies, and contribute to an enhanced quality of life. To accomplish its mission, VSBN has built a statewide network of Green Building proponents, provides Green Building events and training around the state and region, provides technical assistance on Green Building design and operations, and has created an information clearinghouse and resource directory.