

■ GIVING THE GIFT OF GREEN POWER

Dennis Martin quite literally gave his wife the world for their anniversary.

Last June, Martin decided to surprise his wife by signing up for the Green Power Switch program, offered by distributors like Southwest Tennessee Electric and TVA.

While most customers purchase one or two blocks each month, Mr. Martin agreed to purchase enough green power to cover their total energy consumption.

The Martins' concern for the environment goes beyond green power. During construction of their home, the couple took great care to be environmentally conscious.

"We did not want to use new wood that would require cutting down trees," said Martin.

"The beams for the timber frame were salvaged from a building in Rhode Island, and the walls are constructed from Styrofoam™ panels. The exterior walls and roof have no two-by-fours."

The green power purchased by Dennis Martin and his wife Judith Ammons does help save the world. Their annual purchase is the environmental equivalent of recycling 2,400 lbs. of aluminum (approximately 76,000 aluminum cans), recycling 8,800 lbs. of newspaper or planting 5 acres of trees.



—Content used with permission from Tennessee Magazine, April issue, STEMC section.



Green Power Switch news

autumn 2006

Dear Green Power Switch Subscribers,

Autumn is here, and many people like to spend time outdoors enjoying the beautiful scenery we have here in the Tennessee Valley. As we head off to football games and to view the spectacular fall colors that adorn our region, we want to thank you for caring about the environment and being a participant in the Green Power Switch program.

Because of people like you, we are making a difference in renewable energy. There are currently over 9,200 households and 450 businesses participating in Green Power Switch. We will continue to grow that number, but we truly appreciate the people who are currently in the program and helping lead the way to a greener tomorrow.

Thanks for making a difference by participating in Green Power Switch!

Jim West, Senior Manager

Green Power Switch



■ BLOUNT COUNTY COUPLE GETS PAID TO PROTECT THE ENVIRONMENT



Preserving the environment is a worthwhile investment in the future. But what if you could help preserve the environment and get paid for it today?

Blount County residents Russell and Sheri Liles have learned the sky is the limit in making this idea a reality. The Liles, proud participants in the Green Power Switch Generation Partners program, have installed solar panels on their property to generate clean, green power. By participating in the program, the couple now generates

about one-third of the electricity they use at home from the sun and have the opportunity to sell green power back to The City of Maryville Electric Department and TVA.

Investing about \$13,000 to set up the solar panels, Russell said he expects it will be about 15 years before it pays itself off. However, he has already seen savings in the bills. "The last two months have been the lowest electrical bills I've had in years," said Liles. Lowering energy bills and safeguarding the environment for years to come, Valley residents like the Liles agree that the sun gives their community much more than light.

Content and photo used with permission from wbirdtv.com

To learn more about the Generation Partners program and how you can participate, visit www.gpsgenpartners.com.

Nashville, TN 37229-2409

P.O. Box 292409, OCP 2F

TVA and your

local power company



Green Power Switch

TVA and local public power companies, working in cooperation with the environmental community, developed Green Power Switch as a way to bring green power—electricity that's generated by clean, renewable resources like solar, wind, and methane gas—to Valley consumers.

Presorted
Standard
U.S. Postage
Paid
Chattanooga, TN
Permit No. 366

We would like to thank all the current participants in the Green Power Switch program. We could not make this program work without you and your commitment. You are making renewable energy a way of life!

Comments or Suggestions

Let us hear from you!

We'd like to know if you're satisfied with our newsletter, and we're interested in what you would like to read in future issues. So e-mail us your comments today at greenpowerswitch@tva.com.

Please recycle this newsletter by passing it on to a friend. Thanks for your help and your interest!

Help us save trees

You can read this newsletter online at www.greenpowerswitch.com. If you would like us to take you off the mailing list and notify you by e-mail when future issues are posted online, e-mail us at greenpowerswitch@tva.com.

GREEN POWER APPROVED

Two more major universities in the Tennessee Valley have committed to purchasing renewable energy through Green Power Switch®. Middle Tennessee State University (MTSU) and Tennessee Tech University (TTU) will join the list of Tennessee schools that have made a commitment to clean, renewable energy.

This summer, the Tennessee Board of Regents unanimously approved MTSU and TTU's student-led initiatives to adopt a student fee to fund clean energy projects. A portion of each student's fee will be used for on-campus energy efficiency and conservation projects, while another portion will be allocated to purchasing renewable energy.

With this new fee, MTSU will offset 10 percent of its total energy usage with renewable energy. MTSU is projected to become the largest Green Power Switch® customer in the state of Tennessee. From a regional perspective, Duke University is the only other college in the Southeast that uses more renewable energy.

As more and more universities across the Valley implement similar initiatives, students are clearly voicing what is important to them: a future with abundant, clean, renewable and responsible energy choices. From erecting on-campus solar panels to improving energy efficiency, from purchasing renewable energy to using biodiesel in campus buses, Tennessee Valley schools are setting a regional example for a sustainable energy future. Tennessee campuses that have made the switch include University of Tennessee-Knoxville, Sewanee: University of the South, Rhodes College in Memphis and Maryville College in Maryville.

For more information about student energy initiatives in Tennessee, contact Jon Paul Plumlee of the Southern Alliance for Clean Energy at 865.637.6055, ext. 17.



SUSTAINABILITY QUIZ

- Recycle one aluminum can and you save enough money to run a personal computer for:
 - 3 seconds
 - 3 minutes
 - 3 hours
 - 3 days
- What country leads the world in photovoltaic (solar cell) production?
 - Japan
 - Sweden
 - U.S.
- What is the most common cause of pollution of streams, rivers and oceans?
 - Dumping of garbage by cities
 - Surface water running off yards, city streets, paved lots and farm fields
 - Trash washed into the ocean from beaches
 - Waste dumped by factories
- Substitute a compact fluorescent light for a traditional bulb and you'll keep _____ of CO₂ out of the atmosphere over the life of the bulb.
 - 1 pound
 - 100 pounds
 - 1/2 ton
 - 1 ton
- How much trash does the average person throw out annually?
 - 500 pounds
 - 1,000 pounds
 - 1,500 pounds
- Compact fluorescents use _____ less energy than a regular bulb.
 - 60%
 - 70%
 - 80%
 - 90%

Compiled by Maggie McIntosh, Southface Energy Institute, Atlanta, GA.

Answers: 1) c, 2) a, 3) b, 4) d, 5) c, 6) a



GPS Generation Partners

GPS Generation Partners is a program that provides support and incentives for the installation of solar- and wind-generating facilities. The program makes more green power available for GPS subscribers, and it creates a market for small-scale green power generation by homeowners and small businesses. Since January 2006, Generation Partners has added 18 solar installations and one wind turbine to the program. To find out more about becoming a GPS Generation Partner, contact your local power company or visit www.gpsgenpartners.com.



Business Highlights

Direct Development, one of the developers of Rolling Mill Hill, announced that it would provide a portion of condominium buyers' electricity needs from renewable sources through Green Power Switch at no cost for their first year of occupancy. Rolling Mill Hill is a \$70 million planned community under construction in downtown Nashville's SoBro neighborhood.

"Providing green power for residents underscores Direct Development's commitment to revitalization," said Todd Davies, the company's vice president of development for the Rolling Mill Hill project. "Our desire is for Rolling Mill Hill to be a home in downtown Nashville for people who care deeply about the city, each other and the environment." For more information on Rolling Mill Hill, visit www.rollingmillhill.com.

Generation Update

January 2006–June 2006

SOLAR POWER

246,496 kWh



WIND POWER

29,507,637 kWh



METHANE POWER

17,902,620 kWh



GREEN POWER

total

47,656,753 kWh



For a complete listing of solar sites and their daily output, please visit www.greenpowerswitch.com

Participation update as of June 30, 2006

32,471 / Total number of green power blocks subscribed
 9,228 / Number of residential customers subscribing
 1.9 / Average number of green power blocks per residential customer
 468 / Number of business customers subscribing

For a list of participating business customers and monthly updates of generation figures, please visit www.greenpowerswitch.com