

**A**t first glance, it appears to be a typical St. Louis brick Victorian residence. Then you begin to notice some unusual features, like the landscaping and the solar panels. Inside, you quickly learn that this is no ordinary house at all.

You are surrounded by energy efficiency, recycled products, composting systems— concepts you've heard about, but have never actually seen in use.

The innovations built into the EarthWays Home will allow you to live a comfortable, contemporary lifestyle while helping conserve our limited natural resources. Using less energy and creating less waste are easy goals for anyone to achieve. The EarthWays Home is a showcase for many systems and products readily available for new and remodeled residential and commercial buildings.

Welcome to the EarthWays Home.



## OPEN HOUSE DAYS

Tours for Individuals

Third Friday & Saturday of each month

10AM – 11AM – Noon – 1PM

\$2, Free for Garden Members

*Group Tour information inside brochure*

Gateway Center for  
Resource Efficiency  
3617 Grandel Square  
St. Louis, MO 63108  
phone 314-577-0220  
fax 314-577-0298  
gateway.center@mobot.org  
www.mobot.org/gatewaycenter



Missouri  
Botanical  
Garden

# EARTHWAYS HOME

*Sustainable ♦ Practical ♦ Livable*



**S**o, how did the EarthWays Home come to be? This 4,400 square foot house was built in 1885 and served for many years as the studio home of Block Brothers Photography. After a period of neglect, a St. Louis organization called EarthWays renovated the house using energy efficient systems and recycled products. Missouri Botanical Garden assumed management of the site in 2001 to house their Gateway Center for Resource Efficiency, now offering a wide range of programs that promote conservation and sustainability. The EarthWays Home is a vital part of the Grand Center Creative & Cultural District in midtown St. Louis.

### Energy Efficient Lighting

*Aren't all light bulbs pretty much the same?*

We'll demonstrate the big difference between efficient compact fluorescent bulbs and standard incandescent bulbs, showing how to save energy with task lighting, skylights and door-activated switches. Come ride the Energy Bike and feel how much energy it takes to power light bulbs and small appliances!



### Insulation

*Can you show me some insulation tips that really work?*

You bet. We can tell you about windows and window shades; why wall depth matters; how recycled newspapers insulate walls; how a blanket helps your water heater; and we'll show you a super-cool, super-insulated refrigerator.



### Landscaping

*How can I spend less time and money on my yard?*

Native plants - including grasses, flowers, aquatics, shrubs, trees and our Buffalograss lawn - are low maintenance. They thrive in our climate, require little water, and can reduce or even eliminate mowing. Evergreens and deciduous trees can help warm and cool buildings.

### Recycling and Composting Systems

*Isn't this complicated and time-consuming?*

We have a recycling collection system that's easy to set up, and we'll show you simple, proven methods to turn kitchen scraps and yard waste into beneficial compost for your garden. Worms do the work in our indoor vermicompost bin!

### Recycled and Sustainable Products and Appliances

*Is there really quality carpeting made from recycled soda bottles?*

Yes - it's durable, attractive, and that's not all. You'll see carpet pad, floor tiles and Marmoleum, all made from recycled or natural materials. Relax on furniture built with sustainably harvested wood, and note the quality of reused furniture. Displays showcase products made from recycled paper and plastics. And you'll learn about Energy Star™ appliances. Knowing about the recycled content and energy efficiency of products will make you a smarter consumer.



### Building Systems

*What will make a big difference in my total energy consumption?*

Besides learning low-cost and no-cost behavior changes, we can show you these large-scale energy savers: solar energy powering high-efficiency appliances, ground source heating and cooling, and a high-efficiency natural gas furnace.

### Water Saving Fixtures

*Are you talking about shower heads?*

That's a start. Also think about water-saving toilets, faucet aerators, grey-water systems, and a washing machine that uses 70% less water.

Group tours of the EarthWays Home can be requested at [www.mobot.org/gatewaycenter/tours.html](http://www.mobot.org/gatewaycenter/tours.html) or by calling 314-577-0220. With advance notice, specific topics can be addressed in conjunction with a tour.

### Fees and Tour Sizes

Tours are \$2 per person with a \$30 minimum. Payment is due at tour time, in cash or checks made payable to Missouri Botanical Garden. Maximum tour size is 30 people, including one adult with each 15 students. The full tour charge will apply with less than 24 hours cancellation.



### Tour Theme and Appropriate Ages

Visitors explore energy efficiency and resource conservation, demonstrated in a residential setting. Appropriate tour ages are third grade through adult. Special programs may be arranged for younger audiences.






### Dates and Times

Tours are by reservation only, Monday through Friday, 9 am - 4 pm. Tours take one hour.

### Accessibility

EarthWays Home, an historic building, is not accessible for disabled visitors.

Practical information about saving energy in your home can be found at: <http://www.eere.energy.gov/consumerinfo>

	Delmar	 <b>3617 Grandel Square</b>	 Powell Symphony Hall Parking lot
	Washington		 Fox Theater
Vandeventer	Lindell	Grand	
	Highway 64/40		
	Highway 44		

**From I-70: Exit Grand, go south. Right on Grandel Square (after Delmar).**

**From I-64/US 40 and I-44: Exit Grand, go north. Left on Grandel Square (after Washington).**

The EarthWays Home is immediately on the right. Metered street parking is available, or park all day for \$2 in Powell Symphony Hall lot on Samuel Shepard Drive.

*Students in photos were participants in the Ecological Restoration Corps of the Litzinger Road Ecology Center (operated by Missouri Botanical Garden). Support for the Gateway Center for Resource Efficiency and the EarthWays Home has been generously provided by the Missouri Department of Natural Resources.*