

# The Illinois Energy Bike Project



## What Can Be Learned From An Energy Bike Demonstration?

The Energy Bike is a fun, hands-on learning tool and an appealing way to engage adults and children in conversations about the environmental and economic benefits of energy efficiency and the use of energy efficient products. The energy bike also offers an opportunity to emphasize the link between recycling and saving energy so children and adults can make informed energy choices.

## Where Could The Energy Bike Be Used?

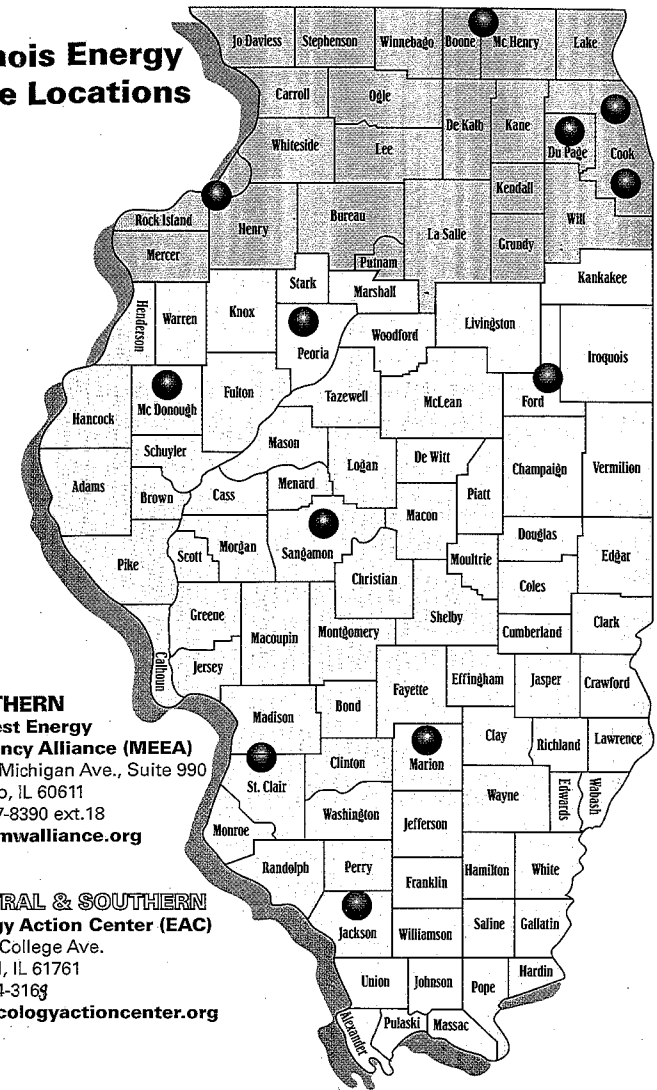
Anyone that can comfortably ride a full size bicycle can ride the Energy Bike. The bike can be used in classrooms, assemblies, community events, energy fairs, and any other function where energy efficiency and sustainable living is promoted. The Energy Bike is **NOT** a stand-alone demonstration. Constant supervision is required.

The energy bike can be used in a variety of ways. It can be used as a single demonstration, combined with other energy efficiency demonstrations, or in the classroom to teach an entire unit on energy. Classroom material is available.

## Where And How Can I Get The Energy Bike?

There are twelve energy bikes available statewide on an on-loan basis and are virtually free to borrow. There may be minimal costs to replace light bulbs. For more information contact one of the two organizations listed on the map above or the local organization listed at right.

### Illinois Energy Bike Locations



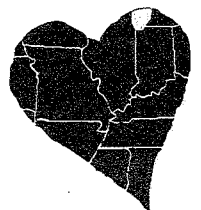
**NORTHERN Midwest Energy Efficiency Alliance (MEEA)**  
645 N. Michigan Ave., Suite 990  
Chicago, IL 60611  
312-587-8390 ext.18  
[www.mwalliance.org](http://www.mwalliance.org)

**CENTRAL & SOUTHERN Ecology Action Center (EAC)**  
202 W. College Ave.  
Normal, IL 61761  
309-454-3169  
[eac@ecologyactioncenter.org](mailto:eac@ecologyactioncenter.org)

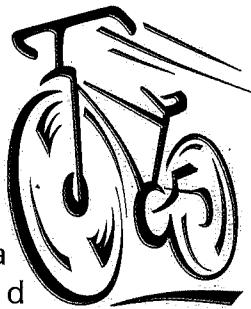
Southern Illinois Center for a Sustainable Future, Inc.  
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Website: [www.sicf.org](http://www.sicf.org)  
*'HB4' - October 19-21, 2007 at SIU Carbondale*



# What is an Energy Bike?



The Energy Bike is a human-powered stationary bicycle equipped with a zero air pollution (ZAP) generator. The generator delivers electricity to a display board with items of varying energy efficiency. It allows the cyclist to power incandescent and fluorescent light bulbs, a radio, tape player, fan, hair dryer, and other small appliances by pedaling the bike. The cyclist can actually feel the difference in energy efficiency of the different items.



Abe Lincoln on Energy Bike

Courtesy of John Lowrey,  
Association of IL Electric Co-ops

## The Illinois Energy Bike Project



The Illinois Energy Bike Project is sponsored by the Illinois Department of Commerce and Economic Opportunity and administered by the Midwest Energy Efficiency Alliance and the Ecology Action Center.

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Illinois Department of  
Commerce and Economic Opportunity  
*Bureau of Energy and Recycling*

State of Illinois  
Rod R. Blagojevich, Governor

Department of  
Commerce and Economic Opportunity  
Jack Lavin, Director



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