

2008 PROGRAM WORK TEAM ANNUAL REPORT FORM

(Please complete items 1, 2, 3 and 4 below)

1. Full name of your Program Work Team (PWT):

Renewable Energy and Energy Conservation Program Work Team

2. Names, affiliations and e-mail addresses of the PWT Co-Chairs: (With an asterisk [*], please indicate the co-chair responsible for finalizing this report.)

* Joseph Laquatra, Ph.D., Professor, Department of Design and Environmental Analysis, Cornell University, jl27@cornell.edu

Chuck Kyle was co-chair, but is no longer with CCE.

3. As a separate attachment, please provide a list of names, affiliations and email addresses only of **active** members of the PWT. We realize the organizational structure of the PWTs varies widely. We are interested in obtaining contact information about individuals in the core decision-making or planning group of the PWT, not in an exhaustive list of all participants in general meetings or activities.

4. Please identify your PWT's activities, accomplishments, and, most importantly, outcomes and impacts over the past year.

J. Laquatra and M. Pierce led the NYSERDA-funded **Consumer Education Program for Residential Energy Efficiency (CEPREE)**, which was active throughout the network of Cornell Cooperative Extension in 31 counties in New York State in addition to New York City. Educational efforts were targeted to home owners and renters, builders, landlords, and others. An Energy Town Meeting was held via the wide area network. Some CEPREE accomplishments:

- 5,529 people learned about energy efficiency and New York Energy \$mart programs at 152 face-to-face presentations organized and executed by Cooperative Extension Educators in counties across New York State.
- There were 212,160 potential impressions on basic energy efficiency issues and New York Energy \$mart programs made on people at 242 different public education outreach events that Extension Educators set up across the State and in New York City. Each Cornell Cooperative Extension Association involved in the CEPREE project had an energy exhibit that included Get Energy \$mart program pamphlets at their county fair. Those County Fairs were attended by over

- Extension Educators sent out 46 press releases resulting in 2.75 million potential impressions on readers.
- Educators conducted over 33 radio or TV interviews/programs on energy efficiency issues, referring listeners to the New York Energy \$martSM website/800 number, for further information on how to save energy at home.
- County Extension Educators wrote 101 articles on general residential energy efficiency issues and placed them in Extension Association and community based Newsletters. At the end of each article readers were directed to the New York Energy \$martSM website/800 number, for further information on how to save energy at home. These newsletter articles reached a total of 614,193 households.

Laquatra is a member of the Home Energy Community of Practice for eXtension.

Featured highlights from CCE Delaware County:

Annual Spring Housing Tour featured alternative energy - solar, wind, geothermal and water power housing tour stops;

Energy Bike Earth Day Exhibit in Sidney with local business engaged youth and adults to change their light bulbs;

Solar PV Panel and display at the Delaware County Fair generated interest in solar energy; and

Bio Energy Grant has been funded to explore grass pellets for fuel with 2 towns in the county.

Staff in each program area are working to get energy education to youth, families, businesses and local government in our county.

Other highlights from the Department of Design and Environmental Analysis:

Laquatra spoke about residential energy efficiency and indoor air quality to Cornell alumni at Cornell Clubs in Ft. Lauderdale, West Palm Beach, Tampa, San Rafael (CA), Rochester, and Buffalo. Laquatra and Pierce presented a workshop on residential energy efficiency and indoor air quality for Cornell University Residence Life employees. Pierce taught principles of building energy efficient homes to Habitat for Humanity volunteers and staff. Laquatra and Pierce were featured speakers at CCE-sponsored Energy Forums in 3 counties. The Energy Bike was a popular exhibit among youth and adults at County Energy Fairs around the state. A photovoltaic display was constructed and used by CCE Local Associations to demonstrate the potential of solar energy to supply electricity to homes.