

Rebuild Connecticut Partnership Initiatives



"Improving Quality of Life in Communities through Energy Solutions"
Issue 32, May/June 2002

State Energy Program/ Rebuild America National Conference Combined

REBUILD AMERICA'S 2002 National Conference is being combined with the State Energy Program conference to provide training for energy officials, community leaders, and business partners from all over the country in a wide array of energy efficiency and renewable energy topics. The theme of the conference is "Expanding Our Reach". The agenda will offer approximately 50 breakout sessions on technical and programmatic issues, offering real-world case studies, proven solutions, and creative new ideas to participants. Participants will also have ample opportunity to exchange ideas and information with national experts, technology vendors, business partners, and colleagues.

The conference is being held from July 29th-August 1st in colorful New Orleans, Louisiana. For additional conference information, visit the website at www.2002conference.com.



Seminars Offered for Commercial & Industrial End-Users

Training seminars, sponsored by Connecticut Light & Power, United Illuminating, and Western Massachusetts Electric, are being held throughout the year at several locations in Connecticut and western Massachusetts. The seminars are targeted to commercial and industrial customers and include a variety of subjects. The following is a listing of currently scheduled seminars for the remainder of the year.

Efficient Motor Management- (Fee: \$30.00)

- May 20, New Haven County
- May 21, Danbury, CT

- May 22, Springfield, MA
- May 23, Ledyard, CT

Power Quality and the Distribution System- (Fee: \$30.00)

- June 11, Danbury, CT
- June 12, Springfield, MA
- June 13, Ledyard, CT

Compressed Air Challenge Level II-

(Fee: \$249.00) (This course is designed for those with 5 or more years of experience and graduates of the Compressed Air Challenge Level I course)

- September 11 & 12, Northampton, MA

AirMaster Plus- (Fee: \$695.00) (This course is limited- Participants must have submitted their Allied Partner Agreement to the U. S. Department of Energy for review, and must have previously completed the Compressed Air Challenge Advanced Management of Compressed Air Systems (Level 2) training. The course is designed for vendors, contractors, and consultants who work in this field.)

- September 24-26, Berlin, CT

Lighting the Work Space and New Lighting Technologies- (Fee: \$30.00)

- October 8, Ledyard, CT
- October 9, Springfield, MA
- October 10, Danbury, CT
- October 11, New Haven County.

For additional information about any of these seminars, contact Jim Griffith at Northeast Utilities, (860) 280-2411 or griffjh@nu.com



Earn Money with Load Response Programs

As electrical demand has increased over the past several years, the electric transmission system has not kept pace with the growth. As a result, there are "load pockets" in New England that can cause severe bottlenecks in delivering power to certain areas, particularly Southwestern Connecticut and Boston. These bottlenecks can impact the entire region, leaving areas vulnerable to service interruptions, especially during hot summer months when power demand is the greatest.

To avoid disruptions and help moderate prices, the Independent System Operator (ISO-New England) that manages the New England transmission system has introduced several programs for Connecticut Light and Power (CL&P) and United Illuminating (UI) customers. These programs provide incentives for reducing or curtailing load for short periods during peak demand times.

Customers must be able to curtail at least 100 kW of load, but may be able to combine loads from several locations/ facilities to meet the minimum load requirements. (100 kW of load, for example, is equivalent to about 1300 fluorescent fixtures found in a typical office building or the equivalent of a 100 HP motor.)

How do the programs work?

Demand Response Program - Customers are eligible for two incentives: A monthly payment for having load reduction capability available on stand-by, and additional compensation for reducing demand on a 30-minute notice from ISO-New England.

Customers must have load available to interrupt weekdays, 7 a.m. - 6 p.m. Interruptions will usually not exceed two hours and will only be called during system emergency. A nice feature for Connecticut Light & Power or Untied Illuminating customers is that they will be given a free Internet-based software system to monitor their load in real time. These customers will need to supply a Local Area Network (LAN) or phone connection to send meter data on the Internet.

Price Response Program - CL&P or UI customers participating in the Price Response Program will also be issued a free Internet-based system to monitor their real time load. The system will also monitor the hourly clearing price of energy. When prices begin to rise, customers will be notified in advance of periods during which they can

voluntarily reduce their consumption. Notification is usually several hours or even a day before the event occurs, and participation is strictly voluntary each time. The customer's compensation is based on the amount they actually reduce at each hourly clearing price rate.

'Low Tech' Price Response - (For CL&P customers only.) For customers that need to enroll multiple locations to meet the minimum 100 kW criteria, or can not supply a LAN or phone connection for the Internet software, the 'Low Tech' program is most suitable. Similar to the Price Response Program described above, customers will be notified in advance when they can voluntarily reduce their consumption. Customers are only required to have a Phone AMR electric meter, i.e., their meter is read remotely via telephone. Customers receive the same incentives as the standard Price Response Program.

New for 2002, ISO-New England is offering bonus incentives for customers in congested areas. Businesses in Southwestern Connecticut - areas with transmission congestion that puts them at greater risk of shortages - can receive bonus payments as an extra incentive to reduce energy use.

These Load Response programs are designed to make relatively small reductions in electric demand, but by doing so, they dramatically reduce the overall cost of energy in times of greatest need. In addition, the programs help enhance the reliability of New England's electric system.

If you would like to find out more about the ISO-NE Load Response Programs, call CL&P's Sharon Flannery, (860) 832-4976 or UI's Roger Parisi, Key Account Manager at (203)-499-2284. 

REBUILD AMERICA is a program that consists of people working as partners on a local level to renovate buildings for improved performance. REBUILD AMERICA partnerships help make communities stronger by stimulating economic growth, creating jobs, saving money, and improving environmental quality while saving energy.

Rebuild Connecticut Partnership Initiatives is designed to inform partners about energy issues and opportunities, and to share successes of partner activities. Contributions for future editions can be sent to: John Ruckes, OPM/Energy, 450 Capitol Avenue, MS# 52ENR, Hartford CT 06106-1308; by fax (860) 418-6495; or by e-mail: john.ruckes@po.state.ct.us