



# Partner Update



Energy Efficiency is Smart Business

Summer 1997

## Klein Leading Alaskan RACE

When you call Cristina Klein, she answers.

In the 1960s, she answered President John F. Kennedy's "call to service." As a Peace Corps volunteer, she managed an earthquake relief program from a tent pitched near the Iran-Afghanistan border.

Last year, she answered another call, this time from Alaska Energy Director Percy Frisby. He wanted her to manage **Rural Alaskans Conserve Energy (RACE)**, the state's Rebuild America program.

The goals for RACE are ambitious: saving energy in remote communities accessible only by small plane or boat. The high cost of transporting fuel, combined with extremely cold temperatures, make saving energy a challenge.

Alaska's program focuses on schools and other large buildings in villages that typically have 500 or fewer residents. RACE also aims to teach energy conservation to the next generation.

Originally from San Francisco, and armed with an MA in Economics from the University of California, Berkeley, Klein has administered community programs in Chicago; worked with public television in Khartoum, Sudan; and taught English in Osaka, Japan.

After working as a gem dealer in South America ("rubies are my favorites"), she moved to the University of Alaska, Anchorage, where she was a

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## Nebraska Governor Lauds Utility Partner

From left to right: Dennis Grennan, NPPD vice president; Lynn Chamberlin, Rebuild Nebraska coordinator; Bob Harris, Nebraska Energy Office director; Governor Ben Nelson; and Bill Mayben, CEO of NPPD



Governor Ben Nelson recognized **Nebraska Public Power District (NPPD)** for committing to help the state's residents save money and improve their communities through energy efficiency.

NPPD is the newest partner of **Rebuild Nebraska**, the State Energy Office's Rebuild America program. A signing ceremony was held in March in Lincoln. The publicly-owned electric company provides retail and wholesale electricity to customers in 86 of Nebraska's 93 counties.

"Nebraska Public Power District is pleased to be partnering with the Nebraska Energy Office in the 'Rebuild

Nebraska' program," said CEO Bill Mayben, adding that, "NPPD has a rich tradition of working with its customers to constantly help them find ways to use energy more efficiently."

"We are fortunate [to have] an exceptional, award-winning Energy Office," Nelson said. "Nebraska has accepted the challenge of recruiting 150 Rebuild partners in the next three years."

Nelson noted that Nebraska consumers spent \$3.4 billion on energy in 1995. Rebuild Nebraska aims to achieve a 25% reduction in energy consumption in participating buildings by 1999.

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# Cristina Klein, RACEing Along

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researcher, writer and adjunct instructor of writing. She has also worked as an economist for the Alaska Department of Labor and as a project coordinator for the Alaska Department of Health and Social Services.

RACE has distributed an informational brochure statewide, run public service announcements on Alaska Public Radio and produced a booklet on retrofitting. They also filmed a video on energy conservation that features Juneau magician Jeff Brown.

So far, RACE has performed energy audits in six villages in Interior Alaska. When schools reopen in the fall after residents return from subsistence hunting and fishing, Rebuild auditors will begin site visits to approximately 210 villages over the next two and a half years.

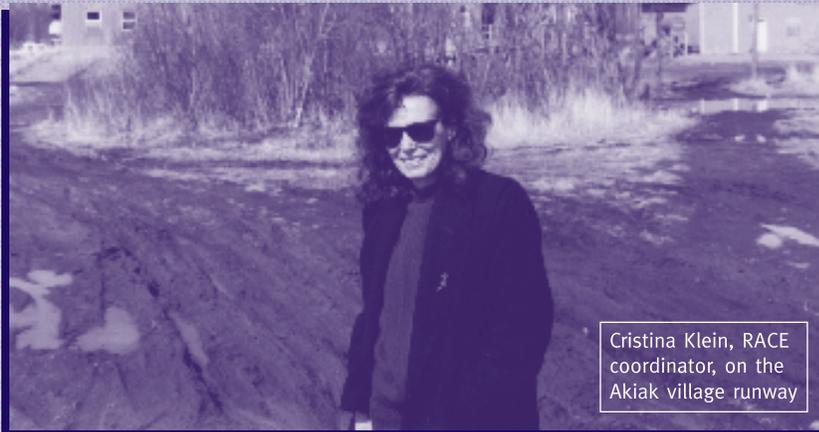
"We want to help," Klein said. "Energy savings mean money for staff, books, and equipment."

She noted that the school building is usually the largest building in a village. The villages are mostly powered by oil, which is expensive and time-consuming to fly in to the remote locations.

A unique challenge for RACE is dealing with the huge distances between villages. "Our 210 villages are scattered over 586,000 square miles, an area as large as 10 Western states combined," Klein said. Compared to Maryland, which has almost 500 people per square mile, Alaska has one.

Disposing of fluorescent tubes containing lead and mercury gas was an obstacle for rural communities until the environmental office at the U.S. Army's Fort Richardson partnered with RACE to recycle mercury gas and dispose of crushed glass tubes.

Klein is arranging a Rebuild America Celebration for September in Anchorage to promote energy conservation and RACE's program. She promises that the mosquitoes, which she jokingly says are Alaska's state bird, will be gone by then.



Cristina Klein, RACE coordinator, on the Akiak village runway

## View From D.C.

by Lani MacRae

As this issue hits your desk, planning is underway for the 1998 Rebuild America Conference. We're heading south, to San Antonio, Texas, where the Rebuild America community will share success stories, network with partners and learn new ways to move our projects forward.

You can help now by sending us the names and addresses of people who should know about the conference. It is a great resource for partners and everyone else involved in Rebuild America.

Please let Michele Demarest of Energetics know who should receive conference materials. Her phone number is (410) 290-0370, and her fax is (410) 290-0377.

Another great resource for partners are the national laboratories operated by the Department of Energy. The dedicated experts at the labs have been helping partners in a wide variety of ways over the past months.

At **Argonne National Laboratory** in Illinois, for example, Jim Cavallo, the manger of the Existing Buildings Efficiency Research Program, has been collecting energy usage data on refrigerators for the **Chicago Housing Authority (CHA)**. This information will help CHA measure the energy savings from 10,000 new refrigerators, expected to be at least \$750,000 a year.

With all this work, it's no wonder we're getting noticed. Look for an article on Rebuild America in the Spring 1997 issue of *Energy & Environmental Management* magazine.

Speaking of publicity, many thanks to the partners sending us news about their programs. *Partner Update* is a great way to keep the Rebuild America community up on what's happening around the country, and it works even better when our readers also become our sources. If you have an update of your program, please send it to us.

Finally, we would like to welcome Federico Peña on board as the new Secretary of Energy. He has already shown a commitment to energy efficiency and renewable energy, and we look forward to seeing Rebuild America continue to succeed during his service.



Partner Update is the quarterly newsletter from Rebuild America, a program of the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy.

Rebuild America projects improve the energy efficiency of buildings to save money, create jobs, promote growth and protect the environment through cooperative partnerships with America's communities.

To submit an article to Partner Update, contact Lani MacRae, Editor, at the U.S. Department of Energy, Mail Stop EE-421, 1000 Independence Avenue, SW, Washington, D.C. 20585; or e-mail [lanimacrae@hq.doe.gov](mailto:lanimacrae@hq.doe.gov).



Partner Update

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# Utility Restructuring in California

by Wallace McOuat

One of the hottest topics facing Congress today is restructuring the electricity industry, and many of the proposals being floated suggest looking at what states have already done. In California, for example, the electricity industry will start a period of radical change beginning on January 1, 1998.

For the most part, the changes apply only to investor-owned utilities (IOUs) and their customers, but the legislation strongly encourages municipal utilities to participate in the new market structure.

The California plan fundamentally changes the way the electric industry works:

- energy and other energy products will be “unbundled.” That is, customers will be able to buy these services from competing suppliers and vendors. This is often referred to as “direct access;”
- power generators, including the unregulated affiliates of the IOUs, will be able to bid to sell power to the new Power Exchange (PX) or try to sell directly to retail customers. IOUs must buy and sell all their power through the PX and may not compete for direct access sales until 2002; and
- an Independent System Operator (ISO) will ensure equal access to the transmission grid.

## Ratepayer Benefits

While it all sounds good, there is no free lunch. The IOUs all have non-economic generation assets and power purchase agreements which have costs well in excess of their market value, i.e., “stranded costs.”

California’s plan allows the utilities to recapture up to 100% of their stranded costs through a Competition Transition Charge (CTC). All ratepayers will be subject to the CTC whether or not they remain a bundled customer of the local utility.

The CTC may be as high as 40% of total rates initially, but it will fall dramatically in 2002 and will continue to decline thereafter.

To facilitate the collection of the CTC, all of California’s utility tariffs and prices are frozen at 1995 levels during the “transition period” which ends in 2002.

An exception was carved out for residential and small commercial accounts which will see a 10% rate reduction on January 1, 1998, resulting from the issuance of “rate reduction bonds.”

When will ratepayers benefit and by how much? Because of the rate freeze, savings during the transition period are likely to be

small. Customers will save only if they can sign contracts with independent suppliers at prices below the PX price.

This is bad news because, absent the rate freeze necessary to collect the CTC, California utility tariffs (which are among the nation’s highest) were expected to decline significantly. The picture is much brighter long-term, and savings after 2001 are expected to exceed 25% compared to rates without the restructure.

## Accelerate Projects

Energy efficiency programs are big winners in the short-term because rates are frozen at high levels until 2002 and efficiency savings are exempted from the CTC. With the exception of large rate declines in 2002, it pays to accelerate energy efficiency plans which are currently in the pipeline. Also, certain cogeneration and district heating and cooling projects will be exempt from the CTC.

Other changes which will have lasting impacts on your planning include:

- you may need a competitive bid for electricity as it is no longer a “sole source” monopoly service;
- prices, terms and conditions for many services will now be negotiable;
- assessing and managing the new risks (mostly financial) becomes essential;
- procurement decisions will almost certainly be “second-guessed” and thus will need to be thorough;
- one cannot play in the new arena effectively without excellent, reliable and relevant information; and
- someone in the organization will need to track market and regulatory developments.

These changes are only the start. Restructuring will be an evolutionary process across the country. The markets will be dynamic with new players and new ideas. Customers need to be well prepared in order to benefit from the opportunities and to mitigate the new risks.

*Wallace McOuat is president of HMFH Resources, Inc., an energy consulting firm in San Francisco California. He can be reached at (415) 397-2210, or e-mail wallacem@hooked.net*

# Rethinking Wood

by Mike MacDonald

Vermont has a long history of wood use for home heating. In 1992 the wood energy industry provided Vermont with almost 2,000 jobs and \$85 million in revenues. Yet the use of wood for heating homes has fallen 42% over the past decade, as more people turned to oil and electricity.

Now, Vermont wants to expand the use of wood fuel for heating and electricity generation. Using wood for both purposes, known as cogeneration, is more efficient than employing traditional fossil fuels. The energy produced can be used by commercial and multifamily buildings.

So the state's Rebuild America partnership has teamed up with Oak Ridge National Laboratory to study the barriers preventing this dual use of wood. According to scientists working on the project, this is a key issue that could impact the direction of many states' energy efficiency programs. The results of our biomass assessment effort will be applicable to forested areas in the eastern part of the country.

About 80% of Vermont's land area is forested, and the state is developing ways to maximize the use of this resource in a responsible manner.

Harvested wood is used for many purposes, including wood products like furniture, as well as fuel for thermal energy and generation of electricity.

One key aspect of the use of wood is the potential reduction in carbon dioxide released to the atmosphere when compared to burning fossil fuels. Wood can be used to replace or offset fossil fuels used to produce manufactured goods, electricity and thermal energy.

**“Harvested wood is used for many purposes, including wood products like furniture, as well as fuel for thermal energy and generation of electricity.”**

Howard McLain, our key technical person, has helped us use an internationally recognized method, the Graz-Oak Ridge Carbon Accounting Model, to estimate the impact of biomass air emissions like carbon dioxide. To date we have developed a way to measure aggregate benefits, and we are now working on specific scenarios.

Wood can be a significant contributor to the energy picture in states like Vermont, but responsible harvesting and competing uses of the wood limit the amount available for energy generation. Our team at Oak Ridge is helping the state look at the potential environmental and local job impacts of the wood industry.

When we complete the project at the end of 1997, we will be able to evaluate the factors affecting the use of wood for energy generation, so Vermont and other Rebuild America partners can better understand and responsibly use the available resources.

*Mike MacDonald is the Rebuild America project manager at Oak Ridge National Laboratory. He can be reached at (423) 574-5187, or via e-mail at [khm@ornl.gov](mailto:khm@ornl.gov)*

## News Briefs

The American Council for an Energy Efficient Economy has concluded that energy efficiency improvements could result in 164,000 new jobs in the Mid-Atlantic region by 2010. The new report analyzed energy usage trends and the effect of energy efficiency investments between 1997 and 2010 for New York, New Jersey and Pennsylvania. Businesses and consumers could save \$150 billion cumulatively and enjoy emission reductions of up to 24%, while creation of new jobs would be “driven largely by the spending of energy bill savings.” The authors concluded that “the untapped potential for energy efficiency represents a critical economic development and environmental protection strategy for the Mid-Atlantic states.”

*For more information, contact ACEEE at (202) 429-8873.*

Federico Peña has been confirmed as the new Secretary of Energy. Peña previously was Secretary of Transportation, where he focused on improving the safety and global competitiveness of the transportation industry. Prior to his cabinet appointments, he was the Mayor of Denver, Colorado. He has also been a Colorado legislator and a civil rights lawyer. Peña was born in Texas and received his undergraduate and law degrees from the University of Texas. He lives with his wife and two children in Alexandria, Virginia.

The Department of Energy has issued new energy-efficiency standards for refrigerators that will require them to use 30% less energy in 2001 than they do now. Consumers will see savings of about \$380 over the 19 year life of a typical 22-cubic-foot fridge. The new refrigerators will use about 535 kilowatt-hours a year instead of the current average of 767 kilowatt-hours. By 2010, the energy saved will be equal to eight large power plants. When announcing the standards, Energy Secretary Peña said, “Not to steal from the president, but we're building a fridge for the 21st century.”

# San Diego's "Green" Building



The renovated Ridgehaven building, which houses San Diego's Environmental Services Division.

When San Diego's **Environmental Services Division (ESD)** needed extra space, Director Richard Hays and Mayor Susan Golding decided to create an environmentally sound workplace that would showcase sustainable building practices.

The result is the 73,000 square-foot Greenhaven at Ridgehaven. The city bought it for \$3 million and spent \$2.4 million on renovations and system upgrades. That's a bargain compared to the \$8.2 million a new building would have cost.

Hays noted, "the objectives of the Ridgehaven project were to 'walk the talk,' and to demonstrate that we could do with limited resources what we hoped other people would be able to do in the community. And that's to build an environmentally sound, energy efficient, water conserving facility, within budget, that will save time and money."

The Ridgehaven project was designed to incorporate green principles, including construction materials that:

- were minimally toxic and non-carcinogenic;
- minimized the growth of mildew and bacteria; and
- were already in place or were recycled, recyclable or renewable.

The building renovation also focused on modifying the HVAC system to provide high-quality indoor air and preventing contamination of the building and systems during construction.

San Diego Gas & Electric contributed \$300,000 for energy and environmental efficiency measures (EEMs) and development

of Ridgehaven as a national model. The Electric Power Research Institute provided \$75,000 in matching funds for energy consulting fees.

EEMs installed at Ridgehaven included high-efficiency water source heat pumps and high-performance spectrally selective window film. Full task and ambient lighting at 0.73 watts/square foot was also installed.

Ridgehaven is saving approximately \$84,000 a year, a 65% reduction in energy use. The building was recognized as "exemplary" by the San Diego Chapter of the American Institute of Architects and won the prestigious 1996 National Public Technology Award for Sustainable Development.

Ridgehaven is serving as a model for **Rebuild San Diego**. Their goal is to "become a leader in environmental conservation and resource management in the 21st century," according to their action plan.

Rebuild San Diego is aiming for 25% energy savings in retrofitted buildings, and 40% savings in new buildings constructed to "green" standards. Their initial focus is on retrofitting city buildings, assuring "green building" design standards, and addressing city infrastructure.

Already, the San Diego City Council is reviewing a proposed Green Building policy. Mandatory for the city and voluntary for the private sector, it would require future development to incorporate standards of health and conservation, energy efficiency, and outreach and education.

# Nebraska Governor Lauds Utility Partner

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NPPD will provide services in three areas of the Rebuild Nebraska program, Grennan said. They will help their retail and wholesale customers learn about energy efficiency technologies, how to apply them to save money, and ways to finance projects.

With the Energy Office, the utility will train student interns and provide office

space. They will also help promote and market the program statewide, including creating materials and identifying additional partners.

"Rebuild Nebraska is about bringing greater energy efficiency to commercial businesses and multi-family facilities in Nebraska," Grennan said. That "is important to each of them and to us in ...

holding costs down for all of our customers."

Lynn Chamberlin, the Rebuild Nebraska coordinator, said she is very excited about NPPD's participation. "This will fit in nicely with our program," she said. "We'll be able to replicate their efforts to involve communities."

## Partner Briefs

**Brazos Valley Energy Conservation Coalition** at Texas A&M University has completed walk-through audits of 7 million square feet of space, and is proceeding with detailed energy audits with several clients. Brazos County has over 270,000 square feet in 10 buildings, while Wichita Falls Independent School District has 1.2 million square feet being audited. Once clients have an engineering report, they can obtain financing and complete retrofit projects. "We expect Brazos County and Wichita Falls to go ahead with lighting, chiller, and energy system control retrofits," said Namir Saman, the Rebuild America coordinator. He added, "we are competitive with other energy efficiency programs in Texas because we offer free walk-through audits and price breaks on detail audits if clients join (2 cents per square foot vs. 4 cents per square foot)."

*For more information, contact Namir Saman at (409) 862-2775.*

The televised 30-second public service announcement (PSA) created by **1500 Days: The Central Ohio Energy Efficiency Project** is working. Project Coordinator Glen Kizer said, "we have an unbelievable number of people interested, including the CEO of a 365,000 square foot factory who saw our PSA and wants a project done 'right away.'" Kizer said they choose to work with high-profile businesses because "marketing efforts are key, and we require clients to educate the public by publicizing their projects." The goal of 1500 Days, Kizer said, "is to demonstrate we can sell energy efficiency like a product." They have begun work with one car dealership, a chain of 10 restaurants, and two movie theaters.

*For more information, contact Glen Kizer at (614) 823-6243.*

The **City of Roswell, NM**, has undertaken a lighting retrofit project throughout city buildings. As traditional fluorescent fixtures burn out, the city is replacing them with long-life sodium bulbs. Steven Henderson, Roswell's facilities supervisor, said the project is starting small, with about 100 fixtures per year across 85 buildings. "The benefits are the lower cost of the units, and they create brighter light," Henderson said. In reference to the distinctive orange-tinted light created by sodium bulbs, Henderson noted that "once people have them in their offices, they like them."

*For more information, contact Steve Henderson at (505) 624-6700, ext. 259.*

## Regional Roundup

Rebuild America has partnered with the City of Brotherly Love. In the **Philadelphia** region, the **City of Philadelphia** chose Earth Day to hold a signing ceremony. The City's Municipal Energy Office will develop a pilot project to showcase "green building" and sustainable building principles. Partners include the Electric Power Research Institute, EPA's Energy Star Buildings, and PECO Energy. The pilot, a major building systems retrofit at a Public Library, will demonstrate Philadelphia's commitment to reducing energy costs, promoting renewable energy technology and improving

indoor air quality. The Library site will also provide opportunities for energy education.

*For more information, contact Susan Guard at (215) 656-6965, or e-mail [susan.guard@hq.doe.go](mailto:susan.guard@hq.doe.go)*

The **Denver** region has seen activity with **Rebuild Montana** and potential new partners in the west. Initially, Rebuild Montana focused on Butte, where local partners are packaging several public and private buildings into a single performance contracting package. Now they have

expanded to Billings, which they plan to turn into a "prototype community," according to regional representative Jamey Evans. The **Billings Partnership** plans to tie their Rebuild America goals into the Downtown Billings Revitalization Project and historic renovation efforts. Evans is also working with states and cities that are interested in energy efficiency projects. "We show how Rebuild America can add value to their existing programs to complement and assist them," he said.

*For more information, contact Jamey Evans at (303) 275-4813, or e-mail [jamey.evans@hq.doe.go](mailto:jamey.evans@hq.doe.go)*

# Calendar

**BOMA's 90th Anniversary Convention and the Office Building Show.** June 22-25, 1997. Minneapolis, MN. Contact Building Owners and Managers Association International c/o PGI, 2200 Wilson Blvd, Suite 200, Arlington, VA 22201-3324

**National Business Energy Forum.** June 26-27, 1997. New Orleans, LA. Contact Association of Energy Engineers at 770-925-9633, or fax 770-381-9865.

**International Energy & Environmental Congress.** September 10-11, 1997. Richmond, VA. Contact Association of Energy Engineers at 770-447-5083, ext. 210, or fax 770-446-3969.

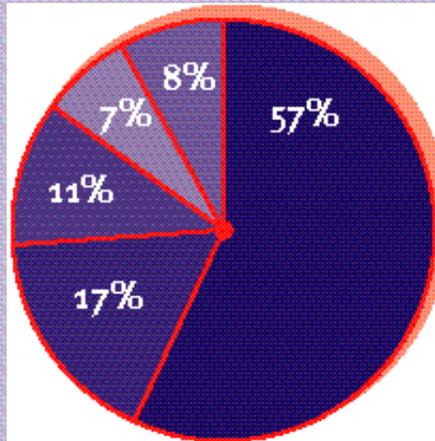
**International Green Building Conference.** October 31- November 1. Austin, TX. Contact LA Patten at 512-442-2341, or fax 512-442-2342.

**NAESCO Annual Conference.** November 19-21, 1997. New Orleans, LA. Contact NAESCO, 1440 New York Ave, NW, Washington, DC 20005, 202-371-7812, or fax 202-393-5760.

**Rebuild America 1998 National Conference.** March 9-12, 1998. San Antonio, TX. Contact Michele Demarest of Energetics at 410-290-0370, or fax 410-290-0377.

# Who Are Our Partners?

## Here's Who's Leading Partnerships

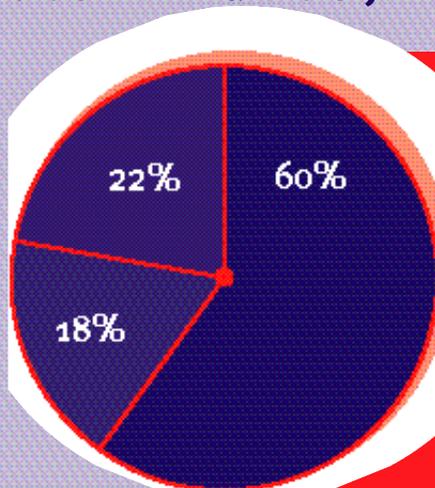


Federal Government 57%  
 State Government 17%  
 Non-Profit 11%  
 Community Development 7%  
 Other\*

In addition to the lead partners identified here, Rebuild America partnerships have dozens of local community groups and businesses involved in carrying out their programs.

\* Other includes colleges, financial institutions, trade associations, economic development groups, energy consultants and a medical center.

## Here's How Partners Joined



Rebuild America Application 60%  
 Energy Smart Challenge 18%  
 Financial Solicitations 22%

Most Rebuild America partners joined through the application included in the Information Kit. The Kit is available at many trade shows and conferences, through personal

contact with program representatives, or by calling the Energy Efficiency and Renewable Energy Clearinghouse (EREC), at 800-DOE-EREC.

# Rebuild America Partners

125 partners and counting...

**ALASKA**  
Rural Alaska Building Energy Efficiency Project

**ARIZONA**  
City of Chandler  
Rebuild Arizona  
City of Tempe

**ARKANSAS**  
City of Fayetteville  
State of Arkansas  
City of Little Rock

**CALIFORNIA**  
ReEnergize East Bay Consortium  
City of Petaluma  
City of San Diego

**COLORADO**  
Rebuild Colorado

**CONNECTICUT**  
Town of Cheshire  
Town of Colebrook  
Town of East Hartford  
Town of Ellington  
Town of Fairfield  
Town of Killingly  
City of Hartford  
State of Connecticut, Hartford  
Town of Manchester  
City of Meriden  
City of New Haven  
Town of Newington  
City of Stamford  
Town of Stonington

Town of Vernon  
Town of West Hartford  
City of West Haven  
Town of Westbrook  
Town of Windham  
Town of Windsor  
Town of Wolcott

**GUAM**  
Territory of Guam, Tiyan

**HAWAII**  
County of Hawaii  
County of Kauai  
County of Maui  
Hawaii State Public Library System

**ILLINOIS**  
Chicago Housing Authority  
City of Chicago  
Stark Metropolitan Housing Authority

**INDIANA**  
Job Source

**IOWA**  
Rebuild Iowa  
Chamber of Commerce, Des Moines  
Hancock County  
Ottumwa Area Chamber of Commerce  
City of Sioux Center  
City of Webster

**KANSAS**  
SE Kansas Education  
Serv. Ctr.

**LOUISIANA**  
City of Baton Rouge  
City of New Iberia  
City of New Orleans

**MAINE**  
York County  
Community Concepts, Inc.

**MARYLAND**  
Chesapeake Sustainability  
Historic East Baltimore Community  
Action Coalition  
Southeast Development, Inc.  
University of MD at Baltimore

**MASSACHUSETTS**  
Rebuild Boston Energy Initiative  
Center for Sustainable Building  
City of Cambridge  
NESEA  
Renewable News Network  
City of Newton  
City of Springfield  
Hampden County

**MICHIGAN**  
City of Ann Arbor  
City of Berkley  
City of Dearborn

**MINNESOTA**  
City of St. Paul

**MISSISSIPPI**  
City of Meridian  
City of Natchez

**MISSOURI**  
EnergyWorks, The Metropolitan Energy Center,  
Kansas City  
City of St. Louis  
Missouri Energy Resources Project (MERP)

**MONTANA**  
Montana Dept. of Environmental Quality  
Montana Partners for Energy Efficiency

**NEBRASKA**  
State of Nebraska

**NEW HAMPSHIRE**  
State of New Hampshire  
SW Community Services/Energy & Housing  
Collaborative

**NEW JERSEY**  
Township of Gloucester  
Bergen County Improvement Association  
City of Newark

**NEW MEXICO**  
City of Roswell

**NEW YORK**  
City of Albany  
Rebuild Western NY  
Energy Services Associates, Inc.  
City of Binghamton  
Rebuild New York  
City of Troy

**NORTH CAROLINA**  
Duke University  
NC Dept. of Commerce, Energy Division

**OHIO**  
Stark Metropolitan Housing Authority  
SEED Ohio  
Ohio Dept. of Aging, Columbus  
1500 Days, The Central Ohio Energy  
Efficiency Project  
City of Cuyahoga Falls  
City of Kettering  
City of Toledo  
Kreeger & Associates, Inc.  
Alois Alzheimer Center  
CEC Consultants  
J. Rossi Engineering  
Lucas Metropolitan Housing Authority  
Comse Energy Managers  
American Electric Power Service Corp.

**OREGON**  
P2E2 Portland Partners for Energy Efficiency

**PENNSYLVANIA**  
State of Pennsylvania, Harrisburg  
City of Lancaster  
City of McKeesport  
Pittsburgh Housing Authority

**RHODE ISLAND**  
Rhode Island Energy Efficiency Partnership

**SOUTH CAROLINA**  
State of South Carolina, Columbia

**TENNESSEE**  
State of Tennessee, Nashville

**TEXAS**  
State Energy Conservation Office, Austin  
Brazos Valley Energy Conservation Coalition  
EnerSource Capital  
Texas Christian University  
Texas City

**VERMONT**  
Burlington Energy Efficiency Project  
State of Vermont, Montpelier

**VIRGIN ISLANDS**  
Territory of Virgin Islands, St. Croix

**WASHINGTON**  
City of Richland  
Northwest Energy Efficiency Council  
Seattle City Light

**WISCONSIN**  
State of Wisconsin, Madison

For information on Rebuild America, please call the Energy Efficiency and Renewable Energy Clearinghouse at 1-800-DOE-EREC.



Rebuild America  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, DC 20585



Address Correction Requested

