

Keystone Energy Efficiency Alliance

Energy Action Agenda for Buildings in the Keystone State

Pennsylvania faces considerable challenges in the years ahead in meeting its citizens' needs for affordable heat and power, while simultaneously improving environmental health. Natural gas and home heating oil prices have doubled over the last 5 years. With the remaining rate caps scheduled to expire by 2010, electricity prices are predicted to increase significantly. Unless action is taken, the price increases will present an immense burden to Pennsylvania's businesses and citizens.

A consensus has emerged among Pennsylvania's energy efficiency community that energy affordability can best be achieved through a portfolio of cost-effective energy efficiency and conservation programs for buildings that reach all customer classes. The Keystone Energy Efficiency Alliance (KEEA) believes the following market transformation initiatives will provide the greatest value for Pennsylvanians and the greatest protection against price increases.

1. **Research and Planning** to examine in detail the potential of energy efficiency and renewable energy in Pa. The plan will recommend specific policies, programs, and mechanisms to fully develop the state's energy efficiency and small-scale renewable energy resources.
2. A **statewide energy education program** designed to give consumers, businesses and all sectors the information and tools they need to reduce their energy use.
3. A **Home Performance with Energy Star®** program modeled on NYSERDA's successful program in New York. Home Performance with Energy Star is a whole house approach to remodeling existing homes, and works well with other strategies, such as appliance rebates and sales promotions. Average savings through HPwES exceed 20% in states with mature programs. The Home Performance with Energy Star (HPwES) program should be supported by an **expanded statewide Keystone Home Energy Loan program** offering low interest loans to encourage homeowners to increase energy efficiency and install solar systems in their existing homes.
4. The **Energy Star Homes** program should be piloted in both urban and rural areas to jumpstart transformation of the new homes construction market. A higher number of Energy Star Homes, such as those being built under the PA Home Energy project in market rate construction, will strengthen Pennsylvania's housing market at this critical juncture. This program should be supported by a **new Energy Efficient Mortgage** which would write down the interest rate by at least ¼ of a percent below the lowest commercially available fixed rate, mortgage in the state.
5. **Training of building science professionals** to build the infrastructure needed in Pennsylvania of HERS raters and other technicians to support statewide deployment of both the Energy Star Homes and HPwES programs, and to provide quality jobs in all communities.
6. **Lead by Example:** The Commonwealth has set a goal of reducing energy consumption in state buildings 20% by 2010. Philadelphia has recently followed suit with a goal of 10% reduction by 2008. Other communities should set similar goals.
7. A **Comprehensive Retrofit and New Construction Program for Commercial and Industrial** buildings should be implemented to tap the huge cost-effective savings potential in this area. The program would offer technical assistance and incentives to businesses to reduce their energy bills.

Efficiency PA In order to rapidly and cost-effectively develop these least cost, and cleanest energy resources - energy conservation and other demand-side resources - it is critical that these initiatives be administered well. We recommend that Pennsylvania learn from the experience of Efficiency Vermont, the Energy Trust of Oregon and the Delaware Sustainable Energy Utility and create an independent, statewide organization to develop and deploy energy conservation and efficiency resources for Pennsylvanians. This new entity could be called Efficiency PA and be administered under the Public Utility Commission. It would be dedicated solely to saving energy through energy conservation, efficiency and links with distributed renewable energy resources statewide. It would have no other function.

The following organizations endorse the KEEA position (as of November 2, 2007):

ACI (Affordable Comfort Inc.), Waynesburg, PA, Helen Perrine
AFC First Financial, Keystone Home Energy Loan Program, Allentown, PA, Peter Krajsa
Barry K. Hinkle & Associates, Lansdowne, PA, Barry Hinkle
BP Consulting, Balston Spa, NY, William Parlapiano, III
Celentano Energy Services, Wyndmoor, PA, Ron Celentano
Comfort Home Corporation, Lancaster, PA, H. Edward Carr
Communications Consulting, Shermans Dale, PA, Maureen Mulligan
Conservation Consultants Inc., Pittsburgh, PA, Ann Gerace
Conservation Services Group, Boston, MA, Steven Cowell
EAM Associates, White Haven, PA, Frank Migneco
EIC (Energy Information Center, Inc.), Randolph, NJ, Kyle C. Haddock
Empire Keystone Assoc. Refriger. Service Engineers Society, Ballston Spa, NY, Bruce Robertson
Energy Coordinating Agency, Philadelphia, PA, Liz Robinson
EOS - Energy Solutions, Philadelphia, PA, Andrew Kleeman
E2 Consulting, Pittsburgh, PA, Matt Smuts
EPS Capital Corp., Inc., Villanova, PA, Bruce Colburn
G. S. Fultz and Associates, Richfield, PA, Gloria Fultz
Green Building Association of Central Pennsylvania, Harrisburg, PA, David Sheridan
HomeNet Solutions, Springhouse, PA, Lawrence Klaus
Honeywell Utility Solutions, Marlton, NJ, John Augustino
J. W. Crouse, Inc. Plumbing & Heating, West Chester, PA, Jesse Crouse
MaGrann Associates, Moorestown, NJ, Ben Adams
MAXLITE, Fairfield, NJ, David Shiller
Metro Harrisburg Builders Association, Harrisburg, PA, Keith Ashley
Monitor Data Corporation, Glenside, PA, Thomas McHugh
Newton Consulting, Havertown, PA, Tom Newton
Nu-Tech Energy Solutions, Lackwaxen, PA, Peter Vargo
Penn Environment, Philadelphia, PA, Nathan Willcox
Pennsylvania Environmental Council (PEC), Harrisburg, PA, Brian Hill
Performance Systems Development, Inc., Ithaca, NY, Ethan McCormick
Practical Energy Solutions, West Chester, PA, Paul Spiegel
Pure Energy, Lancaster, PA, Tamasin Sterner
Solair Energy, Inc., Ralston, PA, Pamela Denlinger
SunPower Builders, Collegeville, PA, Jon Constanza
Sustainable Community Development Company, Harrisburg, PA, David Sheridan
Sustainable Development Fund, Philadelphia, PA, Roger Clark
Testo, Inc., Gibsonia, PA, Bill Spohn
The Energy Doctor, Irwin, PA, Rhett Major
Therma-View Infrared & Energy Consultants, Williamsport, PA, Larry Armanda
US Green Home, Philadelphia, PA, Hap Haven
Warren Energy Engineering, LLC, West Chester, PA, Kevin Warren, P.E.

Weatherization Task Force, statewide, Gene Brady
West Penn Power Sustainable Energy Fund, University Park, PA, Joel Morrison
Zerodraft Central Pennsylvania, Mechanicsburg, PA, Brian and Laurie Johnson

To Sign On to the Keystone Energy Efficiency Alliance and for more information contact:
Maureen Mulligan, 717-582-7484 and 717-512-5365 (cell), maureenm@pa.net
Gloria Fultz, 717-694-3812, GSFultz@earthlink.net
Liz Robinson, 215-988-0929 ext. 233, lizr@ecasavesenergy.org .

Or complete this form and fax to 717-694-3812 (call before faxing):

YES, I agree with the principles of the Keystone Energy Efficiency Alliance (KEEA) and wish to endorse the Action Agenda of KEEA:

Name: _____ Title: _____

Organization: _____

Address _____

City/State _____ Zipcode _____

Phone: _____ Fax: _____

Email: _____