

# 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 (HPwES) 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 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, auditors 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 5, 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  
**CEC (Commission on Economic Opportunity)**, Wilkes Barre, PA, Gene Brady  
**CEC/PA Solar.org**, Wilkes Barre, PA, Darrell Brubaker  
**CEC/The Weatherization Providers Task Force**, Wilkes Barre, PA, Gene Brady  
**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  
**E2 Consulting**, Pittsburgh, PA, Matt Smuts  
**EAM Associates**, White Haven, PA, Frank Migneco  
**EIC (Energy Information Center, Inc.)**, Randolph, NJ, Kyle C. Haddock  
**Empire Keystone Assoc. Refriger. Service Engineers**, Ballston Spa, NY, Bruce Robertson  
**Energy Coordinating Agency**, Philadelphia, PA, Liz Robinson  
**EOS - Energy Solutions**, Philadelphia, PA, Andrew Kleeman  
**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  
**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  
**Schlosser Construction**, Saegertown, PA, Mark Schlosser  
**Solair Energy, Inc.**, Ralston, PA, Pamela Denlinger  
**SunPower Builders**, Collegeville, PA, Jon Costanza  
**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.  
**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](mailto:maureenm@pa.net)  
Gloria Fultz, 717-694-3812, [GSFultz@earthlink.net](mailto:GSFultz@earthlink.net)  
Liz Robinson, 215-988-0929 ext. 233, [lizr@ecasavesenergy.org](mailto:lizr@ecasavesenergy.org) .

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

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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: \_\_\_\_\_

*Share the KEEA Energy Action Plan with your colleagues and encourage them to join!*