

Pennsylvania Sustainable Energy Board Annual Meeting

-- An Update on WPPSEF Activities --



January 21, 2010

**Commonwealth Keystone Building
Hearing Room 2**

Discussion Points

- Review of Funding Commitments
- PA Home Energy/ ENERGY STAR
- Future Directions



Funding Commitments

- 2008

- Projects: \$4,903,618 (19)

- Key Commitments:

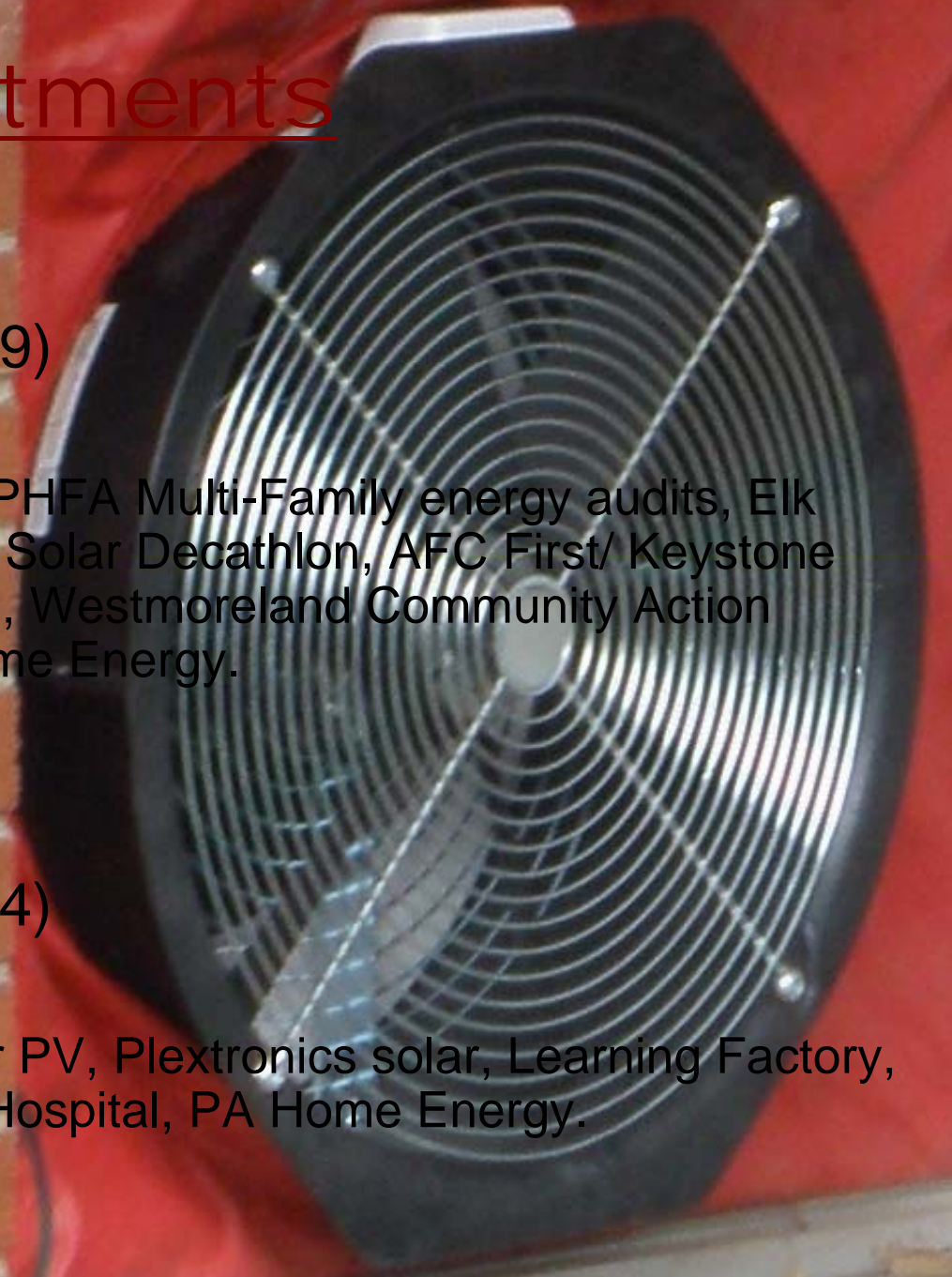
- Solar Power Industries, PHFA Multi-Family energy audits, Elk Regional Health Center, Solar Decathlon, AFC First/ Keystone HELP, Fuels for Schools, Westmoreland Community Action Jeanette project, PA Home Energy.

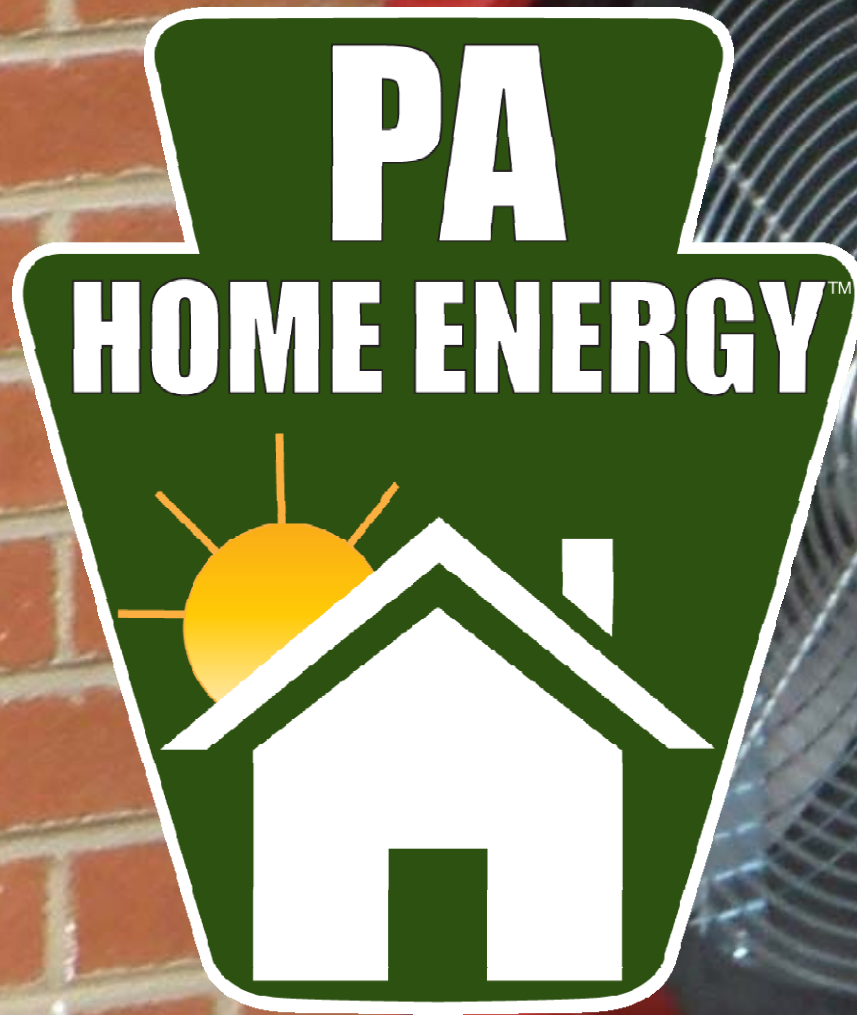
- 2009

- Projects: \$2,042,420 (24)


- Key Commitments:

- St. Vincent College solar PV, Plextronics solar, Learning Factory, Charles Cole Memorial Hospital, PA Home Energy.





PA Home Energy - The Story

- Program History
 - Program launch: August 3, 2007
 - Program infrastructure: December 2007
 - EPA approved: February 2008
 - National EPA Special Recognition Award: March 2009
 - PA Home Energy Conferences: 2008, 2009, and upcoming 2010.
 - Residential energy efficiency
 - ENERGY STAR Qualified Homes
 - Home Performance with ENERGY STAR
 - Service Providers
 - Training has been statewide, incentives
 - RESNET/ BPI base training, advanced BPI training (envelop, heat)
 - Quality Assurance: mentoring, audit reviews, test-out to EPA standards
 - Piloting performance based incentives, dual certification
- 

PA Home Energy – Infrastructure

- Workforce development takes time
 - Balance demand for services/ workforce size
 - PA Home Performance 101 (500+ contractors)
- RESNET/ BPI training
 - Nationwide wide interest for “combined” training
 - Modeling + Health/ Safety + Energy + Water
 - RESNET, BPI trainings: 200+ individuals
 - Adoption elsewhere: Keystone HELP, Urban Redevelopment Authority of Pittsburgh
- Advanced training/ mentoring
 - Field quality assurance/ mentoring, test-out
 - Advanced: Solar, BPI Envelop, BPI Heat, BPI Multi-family



PA Home Energy - Homes

- Home Performance with ENERGY STAR
 - Completed: 140 (362,969 ft²), 19% energy savings
 - Pipeline: 446 (~ 700,000 ft²)
- ENERGY STAR Qualified Homes
 - Completed: 254 (469,609 ft²), 23% energy savings
 - Pipeline: 357 (~ 620,000 ft²)
- Program Total
 - Completed: 394 (832,578 ft²), 683,000+ kWh/ year
 - Pipeline: 803 (~1,320,000 ft²)




PA Home Energy - ACT 129

- PA Home Energy has an early-stage statewide infrastructure (60+ businesses)
 - Trainings are becoming more common
 - Diversity of trainings is increasing
- PA Home Energy is Pennsylvania sole Home Performance with ENERGY STAR program sponsor
 - Integrated training (base & advanced),
 - Quality assurance at every layer,
 - Consistent marketing message to ENERGY STAR,
 - Leverage ENERGY STAR resources,
 - Supporting Keystone HELP (quality assurance of audit/ installation)
- PA Home Energy = New AND Existing Homes program
 - PA Home Energy is now a separate, non-profit organization

PA Home Energy 2010 Conference

Set your business apart from the rest with advanced training & CEUs

 Mark your calendar

PA Home Energy Conference 2010

March 15-16

Penn Stater Conference Center Hotel
State College, PA

Learn from the pros, increase your network contacts, and gain valuable industry knowledge regarding

- Energy audit safety procedures
- Prioritizing retrofit measures
- HVAC troubleshooting
- ENERGY STAR® new construction changes
- HOME STAR federal programs
- Lead, IECC, & national codes
- Pennsylvania contracting opportunities with PA Act 129 and more

Earn BPI and RESNET CEUs

SAVE THE DATES

PA Home Energy
Conference 2010
March 15 - 16

Penn Stater Conference Center Hotel
215 Innovation Boulevard
State College, PA 16803

Conference & Exhibits both days

After a year of unprecedented growth, the PA Home Energy program invites participating contractors and newcomers alike to attend the PA Home Energy Conference 2010, featuring an advanced training agenda focused on building science, growing and sustaining your business, and up-to-date code and technical news. Position your business for expansion and prepare to deliver as state and federal programs offer incentives to consumers for making energy efficient home improvements. Attend workshops, discussion panels, and networking events, and visit the exhibit hall for the latest materials, tools, and techniques.

For more information, or to register on-line for the conference, visit www.affordablecomfort.org.

Online registration will open Tuesday, February 2.

Call 814-863-5000 for hotel reservations.

Mention this CODE to get the special rate: **PAHC10A**

ACI

32 Church St, Suite 204

Waynesburg, PA 15370

www.affordablecomfort.org

800-344-4866 or 724-627-5200

Registration Fees: \$295 - General Participants • \$145 - PA Home Energy Service Provider



www.pahomeenergy.org



Advancing Home Performance

www.affordablecomfort.org



Future Directions

- Energy Efficiency
 - Residential (continue)
 - PA Home Energy (single)
 - PA Housing Finance Agency (multi-family)
- Biomass Heat/ Power
 - Seek out commercial/ light industrial projects
 - Tie to energy efficiency/ GHG reductions
 - Farm digester projects
 - Use PA biomass feedstocks
- Solar PV
 - Seek out commercial, institutional, small-utility scale (250 kW – 3 MW size)



Special Thanks

We appreciate the support and guidance of
the Pennsylvania Public Utilities
Commission and State Energy Board



WPPSEF

WEST PENN POWER
SUSTAINABLE
ENERGY FUND