

August, 2008

# Community Energy Efficiency + Weatherization Career Guide

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## **What is this guide?**

This guide is a quick overview of all the available resources for homeowners looking to make repairs to their homes as well as providing all the information needed to become a trained auditor or weatherization agent. It is a 'one-stop shop' for information regarding weatherization, energy efficiency, and available community groups that can help.

## **What is weatherization? And why should I care?**

Many of the homes in Pittsburgh, and many of the homes around Allegheny County, are very old. As houses age, they become less and less efficient in using the energy provided to them by the utility companies. Old appliances draw more energy; old insulation doesn't keep out the winter chill, all these things begin to pile up and where do we see them; on our utility bills. Weatherization services can help reduce these costs by installing new appliances, windows, or doors, or by blowing insulation into a leaky attic. In any case; whether you want to find a new career, you need help paying your electric bills, or you simply want to know how you can lower your bills. This is the document to help.

## **How can it help me?**

It depends on what you're looking for, but chances are, if you need information about what's out there in the 'green' energy efficiency field it's in here somewhere. It has available training centers in Pittsburgh, what incentives are available to homeowners, what service providers are in the area and can help weatherize your home.

## **Where can I go from here?**

Every company listed within the brochure has listed contact information by phone and most will have either a website or an email address that can be used to reach them as well. Additional points of contact and other information is included along with each of the graphs so you know where to go next.

## Benefits of Energy Efficiency Retrofits

Retrofits, appliance upgrades, and weatherization techniques have an extremely high return on investment. Once the initial investment is recouped, usually in less than five years, these retrofits result in true savings. The following chart illustrates some of the savings one can expect with various retrofits:

Energy Efficient Upgrade	Purchase Price	Annual Bill Savings	Sample Payback (yrs)	Rate of Return
Florescent Lights and Fixtures	\$200	\$80	2.5	41%
Duct Sealing	\$250	\$95	2.6	41%
ENERGY STAR Clothes Washer	\$194	\$66	2.9	37%
ENERGY STAR Programmable Thermostat	\$107	\$29	3.7	30%
Water Heater Tank Wrap (R-12)	\$85	\$23	3.7	28%
ENERGY STAR Refrigerator	\$97	\$23	4.2	27%
ENERGY STAR Heat Pump	\$692	\$126	5.5	19%
ENERGY STAR Dishwasher	\$29	\$5	5.5	18%
Air sealing to 0.5 air changes per hour	\$522	\$138	13.7	9%
Increase wall to attic insulation	\$1,784	\$111	16.1	8%
Total	\$3,960	\$597	6.6	16%
Total Bill Savings as a % of baseline bill	-	36%	-	-

## Community-Based Organizations

Community-based organizations can serve as local information hubs for those seeking more information about EE/W opportunities.

Neighborhood	Community Group	Address	Contact Information
Allentown	Allentown Civic Association	842 Industry St. Pittsburgh PA, 15210	412 381-0335 jwhackel@verizon.net
Banksville	Banksville Civic Center	2280 Allendar Ave. Pittsburgh PA, 15220	
	Blitz on Banksville	1103 Cochran Rd. Pittsburgh PA, 15243	412 343-8820 cgknox@prodigy.net
Beltzhoover	Beltzhoover Citizens CDC	407 Gearing Ave. Pittsburgh PA, 15210	412 488-7120 (day) 412 481-3785 (evening)

Neighborhood	Community Group	Address	Contact Information
Bloomfield	Lower Bloomfield Unity Center	343 Cedarville St. Pittsburgh PA, 15224	412 621-2126
	Bloomfield Business Association	P.O. Box 90194 Pittsburgh, PA 15233	412 681-2054
	Bloomfield-Garfield Corporation	5149 Penn Ave. Pittsburgh, PA 15224	412 441-6950 www.bloomfield-garfield.org
Brookline	South Pittsburgh Development Corp.	P.O. Box 9606 Pittsburgh, PA 15226	412 341-9103 www.spdconline.org
Citywide	Community Technical Assistance Center	901 Western Ave. Pittsburgh, PA 15233	412 231-2822 www.ctaconline.org
	Pittsburgh Community Reinvestment Group	1901-15 Centre Ave Pittsburgh, PA 15219	412 391-6732 www.pcrgr.org
East Liberty	East Liberty Development Inc.	6101 Penn Ave., Suite 201 Pittsburgh, PA 15206	412 361-8061 ext. 101 www.eastliberty.org
	The Kingsley Association	6118 Penn Circle Pittsburgh, PA 15206	412 661-8721 www.kingsleyassociation.org
	Mellon's Orchard Neighborhood Assn.	5709 Rippey St. Pittsburgh, PA 15206	412 441-6593 buddem@worldnet.att.net
Friendship	Friendship Development Associates	5530 Penn Ave. Pittsburgh, PA 15206	412 441-6147 www.friendship-pgh.org
Garfield	Garfield Jubilee Association	5138 Penn Ave. Pittsburgh, PA 15224	412 665-5200 www.garfieldjubilee.org
Greenfield	Greenfield Association	430 Greenfield Ave. Pittsburgh, PA 15207	412 422-8885 www.greenfieldorg.com
Hazelwood	Hazelwood Initiative Inc.	5344 Second Ave. Pittsburgh, PA 15207	412 421-7234 www.hazelwoodhomepage.com
Highland Park	Highland Park Community Development Corp.	P.O. Box 4866 Pittsburgh, PA 15206	412 894-8313 www.hpcdc.org
	Highland Park Community Club	P.O. Box 5036 Pittsburgh, PA 15206	www.highlandparkpa.com
Hill District	Dinwiddie Community Alliance	420 Dinwiddie St, #804 Pittsburgh, PA 15219	412 471-7709 marlenejackson@yahoo.com
	Hill District Consensus Group	1835 Centre Ave. Pittsburgh, PA 15219	412 661-8751
Homewood	Rosedale Block Cluster Inc.	7801 Tioga St. Pittsburgh, PA 15208	412 243-6474
Lawrenceville	Lawrenceville Corporation	5170 Butler St. Pittsburgh, PA 15201	412 782-5100 x.103 www.lawrencevillecorp.com
	Lawrenceville United	4825 Butler St. Pittsburgh, PA 15201	412 802-7220 www.lunited.org
Morningside	Morningside Area Community Council	6913 Greenwood St. Pittsburgh, PA 15206	412 441-8475
Mt. Washington	Mt. Washington Community Development Corp.	301 Shiloh St. Pittsburgh, PA 15211	412 481-3220 www.mwcdc.org

Neighborhood	Community Group	Address	Contact Information
Northside	Allegheny West Civic Council	901 Western Ave., Suite 112 Pittsburgh, PA 15233	412 323-8884 info@alleghenywest.info www.alleghenywest.info
	Central Northside Neighborhood Council	1310 Arch St. Pittsburgh, PA 15217	412 322-3386 centralnorthside@netzero.com www.centralnorthside.com
	Northside Chamber of Commerce	809 Middle St. Pittsburgh, PA 15212	412 231-6500 NSCCROBIN@hotmail.com www.northsidechamberofcommerce.com
Brighton Heights	Brighton Heights Citizens Federation	P.O. Box 99696 Pittsburgh, PA 15233	412 734-0233
Marshall-Shadeland	Brightwood Civic Group	3127 Brighton Road Pittsburgh, PA 15212	412 732-8152 412 732-8153 brightwoodcivic@verizon.net
Fineview	Fineview Citizens Council	P.O. Box 6600 Pittsburgh, PA 15212	412 231-0330
Perry North	Perry Hilltop Citizens' Council	2107 Perrysville Ave. Pittsburgh, PA 15214	412 321-4632
Spring Garden	Spring Garden Neighborhood Council	1114 Spring Garden Ave. Pittsburgh, PA 15212	412 323-8663 sgnc1980@aol.com
Spring Hill	Spring Hill Civic League	1129 Haslage Ave. Pittsburgh, PA 15212	412 337-0388 www.shcl.org
Oakland	Oakland Business Improvement District	235 Atwood St., 3rd Floor Pittsburgh, PA 15213	412 683-6243 www.oaklandbid.org
	Oakland Community Council	235 Atwood St., 3rd Floor Pittsburgh, PA 15213	412 687-8568
	Oakland Planning & Development Corporation	235 Atwood St. (rear) Pittsburgh, PA 15213	412 621-7863 staff@opdc.org www.oaklandplanning.org
Regent Square	Regent Square Civic Association	7604 Charleston Ave. Pittsburgh, PA 15218	412 371-2010 www.citizensagainstlitter.org
Shadyside	Citizens Against Litter		412 688-9120 info@citizensagainstlitter.org www.citizensagainstlitter.org
	Shadyside Action Coalition	P.O. Box 10149 Pittsburgh, PA 15232	412 361-3771 www.shadysideaction.org

Neighborhood	Community Group	Address	Contact Information
South Side	South side Chamber of Commerce	P.O. Box 42380 Pittsburgh, PA 15203	412 431-3360 www.southsidechamber.org
	South side Community Council	c/o Brashear Center 2005 Sarah St. Pittsburgh, PA 15203	412 431-3236 info@southsidecommunity council.org www.southsidecommunitycouncil.org
	South side Local Development Company	Suite 300 2000 East Carson St. Pittsburgh, PA 15203-1902	412 481-0651 www.southsidepgh.com
	South side Slopes Neighborhood Association	P.O. Box 4248 Pittsburgh, PA 15203	412 488-0486 www.southsideslopes.org
Squirrel Hill	Squirrel Hill Urban Coalition	5604 Solway St. Pittsburgh, PA 15217	412 422-7666 www.shuc.org
Strip District	Neighbors in the Strip	1212 Smallman St. Pittsburgh, PA 15222	412 201-4774 www.neighborsinthestrip.com
West End	West Pittsburgh Partnership	37 Wabash Ave. Pittsburgh, PA 15220	412 922-2740 www.westpittsburgh.org

## Education and Training

Most EE/W training programs require a high school diploma or its equivalent. The following are certified locations to take and study for the General Educational Development (GED) tests. The test is broken into five sections and costs between \$55 and \$75. For more information regarding qualification for the GED or to inquire about testing dates please see the Pennsylvania Department of Education website at [www.ged.ed.state.pa.us](http://www.ged.ed.state.pa.us). The Pennsylvania (GED) office can also be reached at (717) 787-6747.

Testing Center	Address	Contact Information
CCAC Downtown Center	625 Stanwix St. Pittsburgh, PA 15222	412 394-6911
CCAC Testing Center	625 Stanwix St. Pittsburgh, PA 15222	412 208-1122
CCAC South Campus	1750 Clairton Rd. West Mifflin, PA 15122	412 469-6258
Forbes Road Career & Tech Center	607 Beatty Rd. Monroeville, PA 15146	412 373-8100
Westmoreland Co. Comm. College	145 Pavilion Lane Youngwood, PA 15697-1814	724 925-4050
Community College of Beaver County	1 Campus Drive Monaca, PA 15061-2588	724 775-8561
PIC of Westmoreland / Fayette Co.	R. R. #12 Greensburg, PA 15601	724 836-2600
IU GED Test Center	1 Intermediate Unit Drive Coal Center, PA 15423-9642	724 938-3241
Butler Area I. H. S.	551 Fairground Hill Road Butler, PA 16001	724 214-3410
Pittsburgh Job Corp	Pittsburgh Job Corps Center 7175 Highland Drive Pittsburgh, PA 15206	412 441-8700

Sometimes additional help is needed before starting a training program. The following organizations offer computer and life skills classes, as well as support for working families.

Organization	Address	Contact Information	Services offered
YMCA – Allegheny	600 West North Avenue Pittsburgh, PA 15212	412 321-8594	Life Skills and computer skills
YMCA – Centre Ave	2621 Centre Avenue Pittsburgh, PA 15219	412 621-1762 centreave@ymcaofpittsburgh.org	Life skills; Housing, Literacy. Child development & care
YMCA – Collegiate	311 Bellefield Hall Pittsburgh, PA 15260	412 648-7960 collegiate@ymcaofpittsburgh.org	Tutoring
YMCA – Hazelwood	4713 Chatsworth Avenue Pittsburgh, PA 15207	412 421-5648 hazelwood@ymcaofpittsburgh.org	After school programs, Literacy Programs, Child development & care
YMCA – Homewood-Brush-ton	7140 Bennet Street Pittsburgh, PA 15208	412 243-2900 homewoodbrush-ton@ymcaofpittsburgh.org	Counseling and Support services, Employment services, Y achievers
CareerLink – Allegheny West*	Robinson Plaza Two Suite 410 Pittsburgh, PA 15205	412 809-3500 TTY: 412 809-3502	Seminars including: Resume building and Interviewing with confidence
CareerLink – Allegheny East*	2040 Ardmore Boulevard Pittsburgh, PA 15221	412 436-2225 TTY: 412-271-4217	Seminars: Transferrable skills, Show me the jobs
CareerLink – Downtown*	425 6th Avenue, 22nd Floor Regional Enterprise Tower Pittsburgh, PA 15219	412 552-7100 TTY: 412-552-7044	Seminars: Computer basics and the Internet, Introduction to Word, How to apply
Goodwill of Southwestern Pennsylvania	2600 East Carson Street Pittsburgh, PA 15203	412 390-2327 TTY: 1-800-654-5988	Seminars and training including: How to discuss your criminal record and Finding jobs

The Commonwealth of Pennsylvania requires all energy auditing and weatherization providers to be certified by October 1st 2009. While the official training center for Western Pennsylvania has yet to be designated, the following training providers have offered EE/W-related courses and certificates in the past:

Training Provider	Location	Contact Information
Manchester – Bidwell Corporation	1815 Metropolitan Street Pittsburgh, PA 15233	412 323-4000
Community College of Allegheny County	Numerous sites (see Education for more information)	Information can be found under the Education section.
ACTION-Housing	425 Sixth Avenue Suite 950 Pittsburgh, PA 15219	412 281-2102 ahi@actionhousing.org
Weatherization Training Center (WTC) at Penn College of Technology	One College Avenue Williamsport, PA 17701	570 326-3761 800 367-9222
Pittsburgh Technical Institute	1111 McKee Road Oakdale, PA 15071	800 784-9675

Training Provider	Location	Contact Information
Pittsburgh Job Corp	Pittsburgh Job Corps Center 7175 Highland Drive Pittsburgh, PA 15206	412 441-8700

### EE/W Providers

There are three Pittsburgh-based groups that provide EE/W services through utility companies and public funding. They offer services free of charge to those households meeting specific income and energy-usage requirements.

Service Provider	Location	Contact Information
Conservation Consulting Inc. (CCI)	64 S 14th St. Pittsburgh, PA 15203	412 431-4449 info@ccicenter.org
ACTION – Housing	425 Sixth Avenue Suite 950 Pittsburgh, PA 15219	412 281-2102 ahi@actionhousing.org
Steel Valley OIC	515 Walnut Street McKeesport, PA 15132	412 678-8622

### Funding Opportunities for EE/W Projects

Many opportunities exist to fund EE/W project regardless of income:

Program	Eligibility Requirements			Closing Date	For More Information ...
	Low Income	Household Income Less Than \$150,000	Household Income Greater Than \$150,000		
LIURP (Weatherization Assistance)	X			N/A	Contact Utility Assistance Programs
Weatherization Program	X			N/A	Contact County Agency
Keystone HELP Loan/Rebate	X	X		No close date	AFC First 1-888-232-3477
PA Sunshine Program	X	X	X	Until funds are used	PA DEP 717-783-8411
Alternative Energy Production Tax Credit	X	X	X	12/31/16	PA DEP 717-783-8411
High Performance Building Program	X	X	X	No close date	PA DCED Site Development Division 1-717-787-7120
Residential Renewable Energy Federal Tax Credit	X	X	X	12/31/16	Internal Revenue Service 1-800-829-1040
Residential Energy Efficiency Federal Tax Credit	X	X	X	12/31/10	Internal Revenue Service 1-800-829-1040

\*As of June 05, 2009 – Updates may be available online at [www.dep.state.pa.us](http://www.dep.state.pa.us)

### EE/W Contractors

For those households that do not meet the income or energy-usage criteria to be eligible for weatherization assistance, there are numerous private contractors offering these services in the area:

Service Provider	Location	Contact Information
A&P Furnace Co.	3440 5th Ave North Versailles, PA 15137	412 664-7551
Admiral Heating and Cooling	3333 Library Rd Pittsburgh, PA 15234	412 885-1700 www.admiralhvac.com
Air Pro Heating and Cooling	1370 Old Freeport Rd Fox Chapel, PA 15238	412 963-1836 www.aphvac.com
Alpine Insulation Solutions	PO Box 101727 Pittsburgh, PA 15237	412 260-6701 www.alpineinsulate.com
Roberts Construction	241 Shannon Heights Dr Verona, PA 15147	412 793-8800 www.robertsconstruction.com
Wade Heating and Cooling Inc.	203 Hirschinger Rd. Moon Twp, PA 15108	412 787-1341 www.always70wade.com
A&P Furnace Co.	3440 5th Ave North Versailles, PA 15137	412-664-7551
Admiral Heating and Cooling	3333 Library Rd Pittsburgh, PA 15234	412 885-1700 www.admiralhvac.com
Air Pro Heating and Cooling	1370 Old Freeport Rd Fox Chapel, PA 15238	412 963-1836 www.aphvac.com
Alpine Insulation Solutions	PO Box 101727 Pittsburgh, PA 15237	412 260-6701 www.alpineinsulate.com
Roberts Construction	241 Shannon Heights Dr Verona, PA 15147	412 793-8800 www.robertsconstruction.com
Wade Heating and Cooling Inc.	203 Hirschinger Rd. Moon Twp, PA 15108	412 787-1341 www.always70wade.com
Thermo Twin Industries Inc.	1155 Allegheny Avenue Oakmont, PA 15139	412 826-1000 www.thermotwin.com
Bartolomeo Plumbing Contractors Inc.	188 Patee Dr Pittsburgh, PA 15239	412 793-8830
Climatech Inc.	200 Bilmar Dr Pittsburgh, PA 15205	412 921-8000 www.climatech.com
Gillece Plumbing and Heating	3347 Industrial Blvd. Bethel Park, PA 15102	412 563-3700 www.gillece@gillece.com
Mifflin Construction Co. Inc.	1208 Bowling Green Drive Monroeville, Pennsylvania 15146	888 246-9022 www.mifflinconst.com

\* These contractor/dealers are authorized to perform work under the AFC First Keystone HELP® program. Call 888-AFC FIRST for more information. This is not a complete list of contractors and more information, along with a complete list of certified contractors and dealers can be found at: [www.keystonehelp.com/search/index.php](http://www.keystonehelp.com/search/index.php).