

Building Technologies Program**GOVERNMENT RETROFIT PROGRAMS**

Home Performance with ENERGY STAR®— A Cost-Effective Strategy for Improving Efficiency in Existing Homes: www.energystar.gov/ia/home_improvement/HPwES_Utility_Intro_FactSheet.pdf

Home Performance with ENERGY STAR State-by-State Locations:
www.energystar.gov/index.cfm?c=home_improvement.hm_improvement_hpwes_partners

Weatherization and Intergovernmental Program Fact Sheet: www.wip.energy.gov/pdfs/wip_factsheet.pdf

Weatherization Assistance Program Technical Assistance Center: www.waptac.org/

FUNDING OPPORTUNITIES

Building Technologies Program Financial Opportunities (Residential and Commercial Buildings):
www.buildings.energy.gov/financial_opportunities.html

American Recovery and Reinvestment Act of 2009: www.recovery.gov

Green Job Training Grants: greenjobtraininggrants.workforce3one.org

EPA Green Building: www.epa.gov/greenbuilding/tools/funding.htm

U.S. Department of Energy, 2009 Recovery Act and Weatherization Funding:
www.weatherization.energy.gov/recovery_act.cfm

U.S. Department of Energy, Energy Efficiency and Renewable Energy Funding Opportunities:
www.eere.energy.gov/financing/

U.S. Department of Energy Recovery Funding: www.energy.gov/recovery/funding.htm

U.S. Department of Labor Employment and Training Administration Grants: www.doleta.gov/grants

GREEN JOBS

Applying for Pathways out of Poverty Grants (audio recording and presentations from August 19, 2009 Webcast): www.greenforall.org/what-we-do/building-a-movement/community-of-practice/conference-call_august_19

American Green Jobs: www.americangreenjobs.net/wiki

American Solar Energy Society (Green Collar Jobs Forecast):
http://www.ases.org/index.php?option=com_content&view=article&id=465&Itemid=58

America's Workforce Network Toll-Free Help Line: 877-US2-JOBS (-877-889-5627)

Capital Access Program Newsletter: <http://org2.democracynaction.org/o/5379/t/2457/signUp.jsp?key=1245>

Career Onestop: www.careeronestop.org

Career Voyages: www.careervoyages.gov

Community of Practice, Green Pathways Out of Poverty: www.greenforall.org/community-of-practice

Davis Bacon Wage Determinations for Weatherization:

http://apps1.eere.energy.gov/weatherization/dol_wage_determination.cfm

Green Collar Jobs: An Analysis of the Capacity of Green Businesses to Provide High Quality Jobs for Men and Women with Barriers to Employment by Dr. Raquel Pinderhughes, 2007:

www.ellabakercenter.org/downloads/rtf/v12ExecSummary_Oct07.pdf

Green for All Discussion Forum: www.greenforall.org/what-we-do/building-a-movement/community-of-practice/discussion-forum

National Council for Work Experience: www.work-experience.org/ncwe.rd/index.jsp

U.S. Conference of Mayors: www.usmayors.org/

U.S. Department of Labor, Employment & Training Administration: www.doleta.gov

Workforce One: www.workforce3one.org

WORKFORCE EDUCATION

Advanced Technology Environmental and Energy Center: www.ateec.org

Affordable Comfort Inc. (Home Performance): www.affordablecomfort.org

American College and University Presidents' Climate Commitment (ACUPCC):

www.presidentsclimatecommitment.org

Association for the Advancement of Sustainability in Higher Education: www.aashe.org

American Association of Community Colleges: www.aacc.nche.edu/sustainable

Chicagoland Green Collar Jobs Initiative: www.greencollarchicago.org

Consortium for Education for Renewable Energy Technologies: www.ceret.us

Disciplinary Associations Network for Sustainability Resource Center: www.aashe.org/dans/resources.php

Education for the Green Economy: Opportunities, Resources and Models, May 20, 2009:

blog.careertech.org/?p=134

Green the Block: www.greentheblock.net

Higher Education Associations Sustainability Consortium: www.aashe.org/heasc/resources.php

Home Energy Magazine: www.homeenergy.org

Illinois Community College Sustainability Network: www.ilccsn.org

Interstate Renewable Energy Council (IREC) training network and best practices document: www.irecusa.org

National Council for Workforce Education Report on Going Green: www.ncwe.org/documents/GoingGreen.pdf

Pacific Gas and Electric Company PowerPathway: www.pge.com/about/careers/powerpathway

U.S. Partnership for Education for Sustainable Development, K-12 Sustainability Standards and Resources: www.uspartnership.org/main/show_passage/48

World Federation of Colleges and Polytechnics – Sustainability and Green Resources: wfcpc.accc.ca/

CERTIFICATIONS - *(Thanks to Green for All, www.greenforall.org, for much of the following information)*

ENTRY LEVEL CERTIFICATIONS

EPA Certifications: www.epatest.com Provides certifications for A/C and Refrigeration Technicians.

Home Builders Institute: www.hbi.org HBI offers a Residential Construction Academy Series, a training program based on national standards set by the residential construction industry for essential workplace skills in the areas of carpentry, electrical, HVAC, plumbing, facilities maintenance, and masonry, and includes green, sustainable construction techniques.

North American Board of Certified Energy Practitioners® (NABCEP) www.nabcep.org/certificates/entry-level-certificate-program Offers an NABCEP Entry Level Certificate Program

Occupational Safety and Health Administration (OSHA): www.osha.gov/dcsp/ote/index.html Issues OSHA 40 Hazardous Waste Operations certificates and OSHA 10 Site Safety certificates. Each allows an individual to be a hazardous waste handler and an asbestos abatement mechanic.

Residential Construction Academy: www.residentialacademy.delmar.cengage.com Provides materials to guide learners to development of essential workplace skills, in the areas of carpentry, electrical, HVAC, plumbing, facilities maintenance and masonry.

SKILLED LABOR CERTIFICATIONS

Air Conditioning Contractors of America (ACCA) EPA Refrigerant Certification: www.acca.org/epa Clean Air Act Section 608 requires that individuals working on air conditioning and ventilation systems receive EPA Refrigerant Certification.

National Association of Home Builders (www.nahb.org) offers Home Builders Institute (www.hbi.org) curriculum for Workforce Training & Employment, which is an apprenticeship program in residential construction offered to targeted populations.

National Electrical Contractors Association (NECA): www.necanet.org NECA supports the electrical contracting industry through advocacy, education, research, and standards development.

HOUSING PROFESSIONALS CERTIFICATIONS

American Lung Association of Washington, Master Home Environmentalist Program: www.alaw.org/air_quality/master_home_environmentalist Promotes lung health by increasing awareness of home environmental pollutants and encouraging action to reduce exposure in 10,000 homes.

Appraisal Institute: www.appraisalinstitute.org Advances professionalism and ethics, global standards, methodologies, and practices through the professional development of property economics worldwide.

Building Performance Institute (BPI): www.bpi.org. BPI certification areas include Building Analyst, Air Conditioning and Heating, Building Envelope, and Multifamily. BPI certification for contractors and auditors includes written and field practical examinations.

EcoBroker®: www.ecobroker.com EcoBroker Certified professionals help clients market properties with green features, save money, and live comfortably through energy-efficient and environmentally-sensitive choices. Training and certification are overseen by the Association of Energy and Environmental Real Estate Professionals (www.aeerep.org).

Green Advantage® Certification: www.greenadvantage.org For commercial and residential practitioners: Green Advantage® is an environmental certification for building-related practitioners, primarily contractors, subcontractors, and trades people.

Home Energy Rating System (HERS): hersrater.net RESNET (Residential Energy Services Network www.natresnet.org) is a membership 501(c)(3) organization and its standards are officially recognized by the U.S. mortgage industry for capitalizing a building's energy performance in a mortgage loan, certification of "White Tags" for private financial investors, and by the federal government for verification of building energy performance for such programs as federal tax incentives, EPA's ENERGY STAR program, and DOE's Building America Program.

National Association of Home Builders (NAHB), Certified Green Professional™ (CGP): www.nahb.org/category.aspx?sectionID=1174 The NAHB CGP designation recognizes builders, remodelers, and other industry professionals who incorporate green building principles into homes without driving up the cost of construction.

National Association of Realtors® (NAR) Green Designation: The Green Resource Council (www.greenresourcecouncil.org) administers NAR's Green Designation, which is designed to address the concerns of consumers who want real estate professionals with real green expertise.

National Association of the Remodeling Industry's (NARI): www.nari.org Green Certified Professional (GCP): Designed to recognize and identify remodelers who apply green or sustainable principles to their remodeling projects.

North American Board for Certified Energy Practitioners (NABCEP): www.nabcep.org/certification Offers Solar Photovoltaic and Solar Thermal Installer Certifications and Small Wind Certification (under consideration)

PROFESSIONAL DESIGNERS CERTIFICATIONS

Build-It-Green, Certified Green Building Professional: www.builditgreen.org/cgbp The Certified Green Building Professional (CGBP) training is open to all California building professionals involved in the design and construction of residential buildings, as well as to professionals that support and develop the market for green building.

Green Building Certification Institute's (GBCI): www.gbci.org Leadership in Energy and Environmental Design (LEED) Professional Accreditation

ENERGY MANAGEMENT CERTIFICATION

Association of Energy Engineers: (www.aeecenter.org) Offers a number of certifications, including a Certified Energy Manager exam. You do not have to be an engineer to take this certification.

ADDITIONAL RESOURCES

Building Technologies Program's 2008 Buildings Energy Data Book: buildingsdatabook.eren.doe.gov

California Energy Commission: www.energy.ca.gov