

Illinois Home Weatherization Assistance Program (IHWAP)

Stakeholders Advisory Group
IHWAP Program Overview
January 2020

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Illinois
Department of Commerce
& Economic Opportunity
OFFICE OF COMMUNITY ASSISTANCE

Program Description

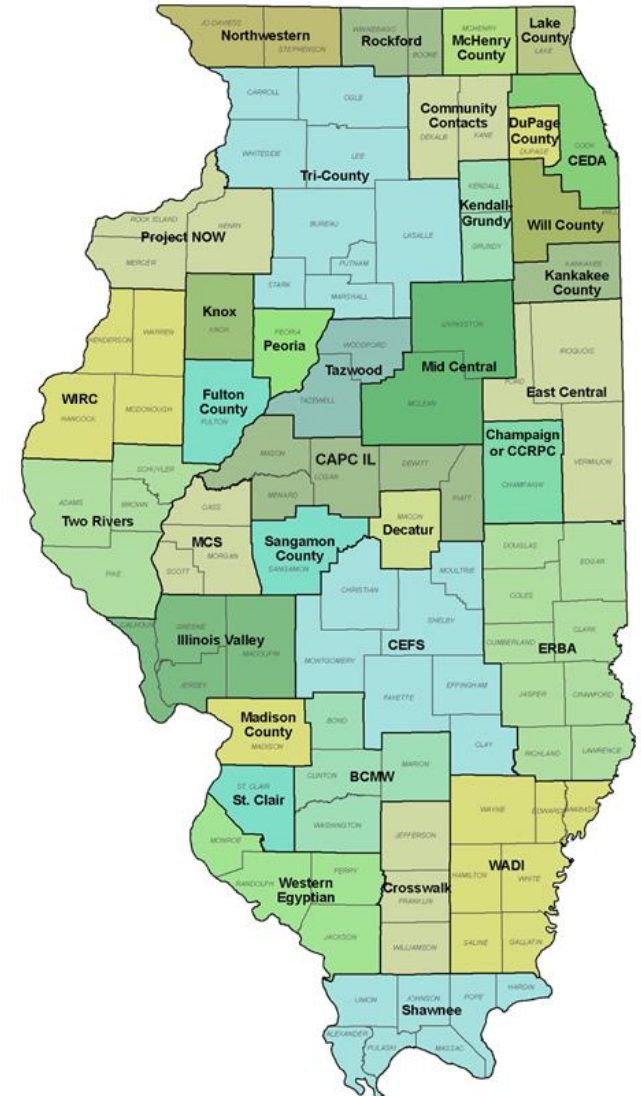
The Illinois Home Weatherization Assistance Program (IHWAP) is designed to help eligible low income households save fuel and money, while improving the health and safety and comfort levels of their homes. IHWAP is a year-round program that makes homes more energy-efficient for qualified low income households. IHWAP provides health and safety improvements, repairs or replaces HVAC systems, air seals, and increases insulation levels in homes. These measures will save energy and keep homes warmer in the winter and cooler in the summer.



IHWAP Local Administering Agencies

IHWAP Grants are administered locally by Community Action Agencies, Units of Local Government, and Non-Profit Community Organizations.

<https://www2.illinois.gov/dceo/CommunityServices/HomeWeatherization/CommunityActionAgencies/Pages/default.aspx>



History of IHWAP & Utility Partnership

- **Prior to FEJA:** IHWAP Partnered with DCEO's Energy Office to conduct Weatherization Projects sponsored by the Utilities
- **Post FEJA:** IHWAP has entered into a Memorandum of Understanding with Utilities to create a partnership enabling LAAs to blend Grant and Utility funds on IHWAP projects.



IHWAP Funding Sources

IHWAP is administered through the Office of Community Assistance (OCA) within the Department of Commerce and Economic Opportunity (DCEO). The program receives annual funding from the U.S. Department of Energy (DOE), the U.S. Department of Health and Human Services (DHHS), and the State Supplemental Low Income Energy Assistance Program (SLIHEAP).

- **DOE/WAP:** \$13,000,000/Year
- **HHS:** \$25,000,000/Year
- **State LIHEAP:** \$10,000,000/Year



Funding Sources

Grant Period Timelines

HHS: 16 month grant

- June 1st - September 30th

DOE/WAP: 12 month grant

- July 1st – June 30th

State LIHEAP: 15 month grant

- July 1st – September 30th



Program Regulations & Policy

2 CFR 200 UNIFORM ADMINISTRATIVE
REQUIREMENTS, COST PRINCIPLES, AND AUDIT
REQUIREMENTS FOR FEDERAL AWARDS

https://ecfr.io/Title-02/cfr200_main



Program Regulations & Policy

10 CFR 440 WEATHERIZATION ASSISTANCE FOR LOW-INCOME PERSONS

<https://gov.ecfr.io/cgi-bin/text-idx?SID=143cea0353fb0f8cf4c75585010dff0e&mc=true&node=pt10.3.440&rgn=div5>



Program Regulations & Policy

Department of Energy Program Guidance

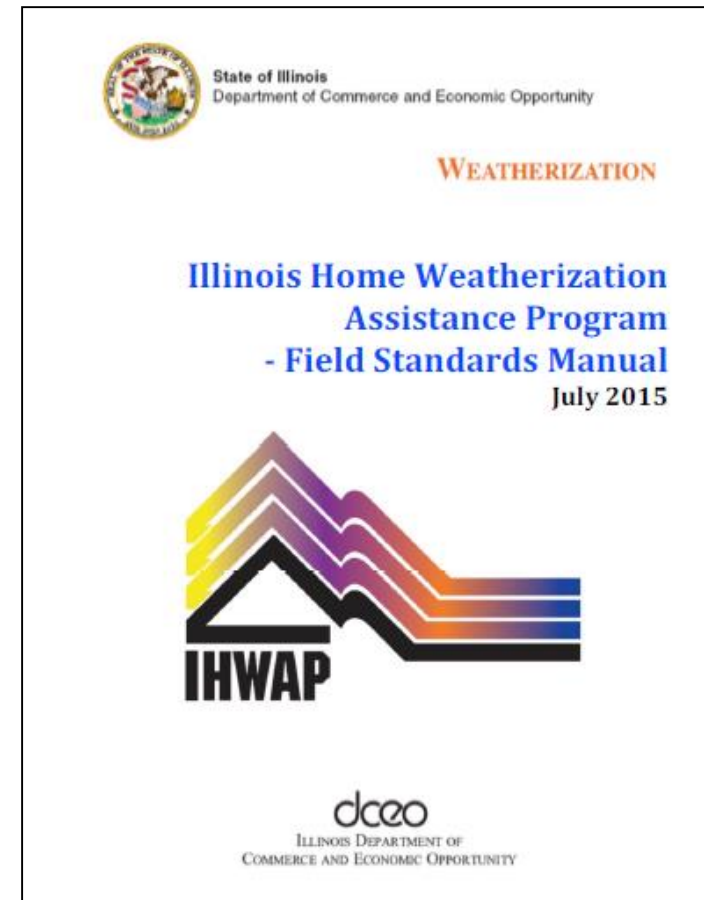
- Weatherization Program Notice (WPN)
- Weatherization Assistance Program Memo

<https://www.energy.gov/eere/wipo/weatherization-program-guidance>



IHWAP Field Standards & Expectations for Quality

- IHWAP was one of the first states to implement a Weatherization Field Standards Manual.
- The U.S. Department of Energy has followed suit with the Standard Work Specifications.
- These documents set the minimum standards for all IHWAP weatherization work.



IHWAP Housing Types

- Single Family
- Mobile Home
- Small Multi-Family (1-4 Units)
- Group Homes
- Large Multi-Family (5+ Units)



Applying for IHWAP

- Clients apply at a Local Administering Agency
- LIHEAP/IHWAP joint application is completed and all required documentation is provided by the client
- LAAs determine eligibility and inform the client in writing
- Applications are prioritized and Energy Audits are scheduled

Client Prioritization

IHWAP does not operate on a first come first serve basis, IHWAP prioritizes households based on the following criteria:

- Households with elderly individuals receive priority points
- Households with disabled individuals receive priority points
- Households that contain children 5 years old and younger receive priority points.
- Households with the most number of priority points are moved to the top of the list to receive IHWAP services.

Energy Audit

- Each home requires a site specific energy audit. All of the information gathered is input in WeatherWorks, the state's energy audit data base.



The Energy Audit is comprised of a visual inspection as well as an array of diagnostic tests performed on each home



WeatherWorks

WeatherWorks is IHWAP's DOE certified energy audit tool

Local agencies use the system for:

- Applications
- Contractor Price Catalogs
- Documenting Assessment Information
- Calculating Savings to Investment Ratios
- Creating Work Orders for Contractors
- Tracking Timelines and Budgets
- Documenting Final Inspections
- Reporting Grant Costs
- Report Generation

The screenshot displays the WeatherWorks software interface. At the top, there is a 'Program Year' dropdown menu set to '2020'. Below this are several tabs: 'Applications', 'Assessment', 'Inspection & Cost Reporting', 'Reports', and 'Historical Dates'. The 'Assessment' tab is currently selected. The main window is titled 'Assessment Details' and contains the following fields:

- Architectural Assessor's Name:** A dropdown menu with 'Nathan Collier' selected.
- Mechanical Assessor's Name:** A dropdown menu with 'Nathan Collier' selected, preceded by a checkbox labeled 'Same as Architectural Assessor' which is checked.
- Assessment Date:** A text field containing '04/30/2019'.

At the bottom of the form are 'Save' and 'Cancel' buttons. To the right of the form is a vertical sidebar with a list of assessment categories: General, Health & Safety, Diagnostics, Attics, Walls, Foundation, Windows, Doors, Furnaces, Water Heaters, Baseload, Air Sealing, Air Conditioning, and Energy Repair. Below this list are two buttons: 'Calculate SIR' (yellow) and 'SIR Screen' (green). At the bottom right, there is a label 'SIR last calculated on:' followed by a text field containing '09/10/2019' and a 'Return To Search' button. The sidebar also has a vertical label 'Assessment' and a 'Contractor Assignment' section.

The Big 4 Energy Efficient Retrofits

1. Blower door guided air sealing from top to bottom
2. Attic insulation
3. Wall insulation
4. High efficiency heating system replacement



Energy Efficient Retrofits

1. Lighting
2. Water conservation measures
3. Refrigerator/Freezer
4. Water heater
5. Air conditioning



Health and Safety

- ASHRAE 62.2- Exhaust Fans
- Smoke and CO Detectors
- Crawl Space Ground Moisture Barrier
- Correction of Combustion Appliance Venting
- Correction of Site Drainage Issues (Gutter Repairs and Sump Pump Replacement)
- Stair Repair for Client and Worker Safety
- Dryer Venting to Reduce Fire Hazard

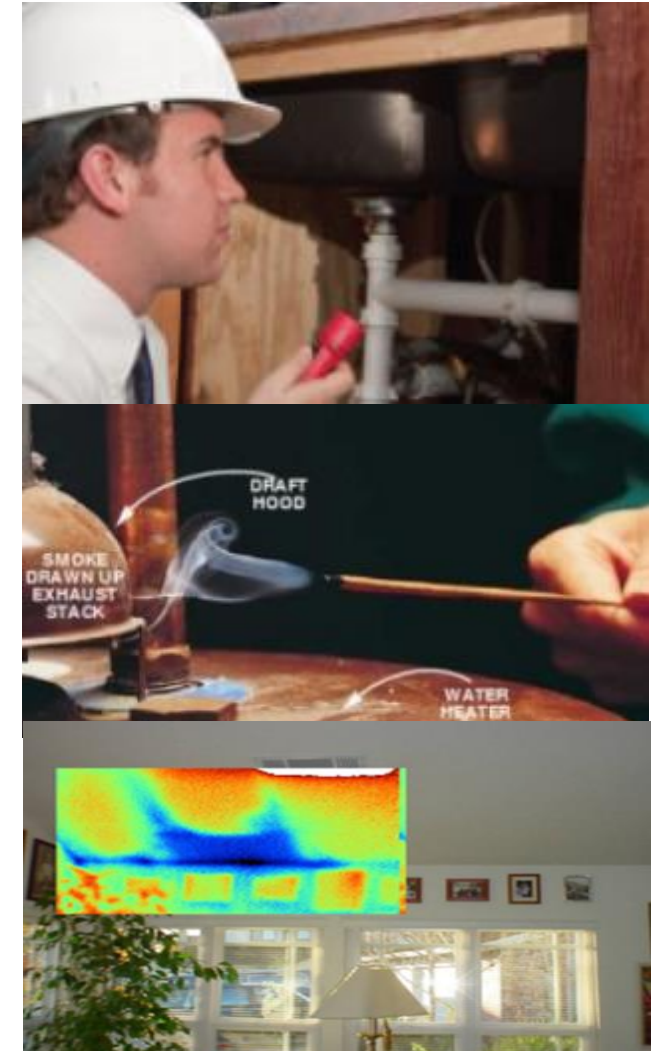


IHWAP Quality Control Inspections

- All IHWAP final inspectors must obtain a Building Performance Institute (BPI) Quality Control Inspector Certification.
- All areas of the home are inspected to ensure that quality work was performed and that no qualifying measures were left out of the original scope of work.
- A multitude of health and safety tests are also completed before the home can pass a final inspection.



CERTIFIED
PROFESSIONAL



State and Federal Monitoring Requirements

- A minimum of 10% of completed projects will be monitored for quality assurance by OCA Weatherization Specialists
- A Program Monitoring will be conducted by OCA on an annual basis to ensure administrative compliance
- Fiscal Monitoring will be conducted on an annual basis to review expenditures and compliance with all applicable State and Federal rules and regulations
- These grants may also be selected by the U.S. Department of Energy and the U.S. Department of Health and Human Services for annual monitoring

For more information

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