



Weatherization Assistance Program Federal Update

2024 Annual Training Conference

National Association for State Community Services Programs

September 2024



Agenda

- Weatherization Assistance Program (WAP) Team Updates
- WAP Retrofit & Readiness
 - Program Year 2023 Production & Expenditures
 - Fiscal Year/Program Year 2024 funding
 - Formula Allocation Update
 - PY 2025 Annual Guidance
 - Award Closeouts
- Weatherization Readiness Funds (WRF) Update
- WAP Bipartisan Infrastructure Law (BIL) Grants
 - Expenditures and Production Update
 - o BIL-specific Program Notices and Resources

- Program and Policy Updates
 - 2 CFR 200 Update
 - Historic Preservation Programmatic Agreements
 - WAP Regulatory Update
- WAP Innovation
 - Enhancement and Innovation (E&I)
 - Sustainable Energy Resources for Consumers (SERC)
- Training and Technical Assistance (T&TA)
 - Continuous Improvement Update
 - WAP Accredited Training Centers
- Monitoring
- OIG 2022 Report & DOE Program Initiatives

WAP TEAM UPDATES

WAP Team | September 2024

Deputy Director, WAP: David Gipson

WAP Retrofit and Readiness

Program Manager:

Senior Policy Analyst:

ORISE Fellow:

Programmatic POs

Supervisor: Detrick Clark

Lead: Floris Weston

Brett Aristegui

Christine Askew

Julie McAlpin

Michael Peterson

Nikki Eliaschev

Rhonda Harding-Hill

Sasha Tidwell

Scott Kuhn

Staci O'Leary

Tawanna Holloway

Carrie Smith

Amanda Rains

Kelsey Boatwright

Technical POs

Supervisor: Ray Judy

Lead: William Kraus

Ben Tucker

Robin Lee

Ryan Middleton

Shawn Green

Tim Petrides

Tommi Makila

Vacant (2)

Vacant (2)

WAP Innovation and T&TA

Program Managers/Supervisors:

Derek Schroeder and Amy Klusmeier

E&I Coordinator: Brittany Price

SERC/CSPP Coordinator: Katy Kujawski

Lead Data Analyst: Rose Croog

T&TA POs:

Evan Pagliuca

Muska Kamran

E&I POs:

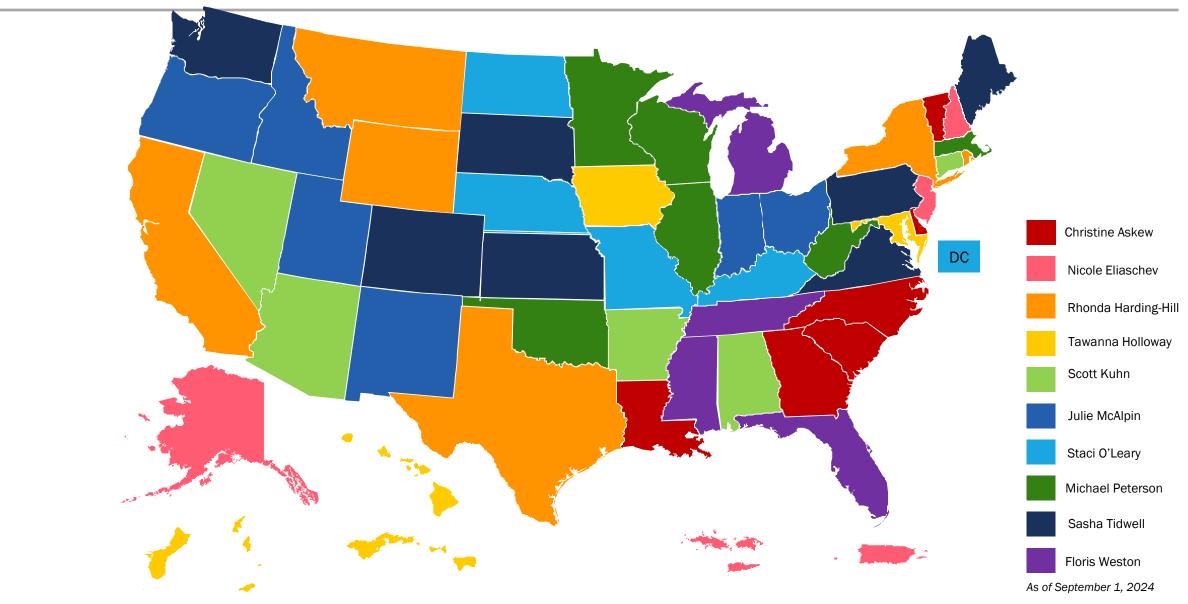
Angel Ortiz

Chelsea Mervenne

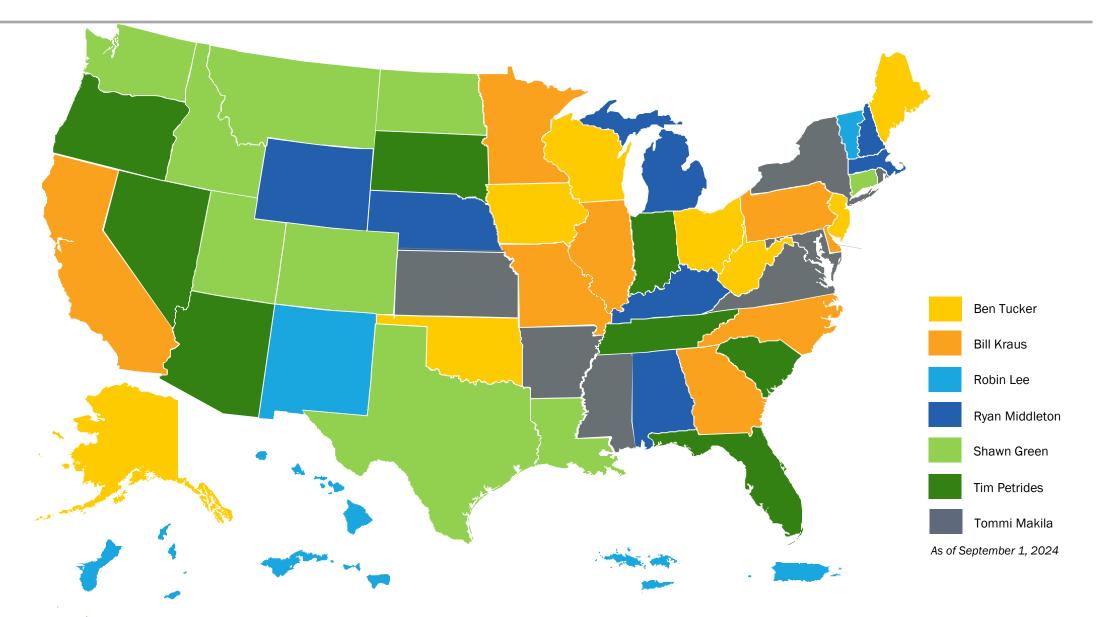
Nava Rastegar

Vacant

WAP Programmatic Project Officer Assignments



WAP Technical Project Officer Assignments



WAP E&I Grants | Project Officer Assignments

Grantee	E&I Project Officer
Athens Land Trust	Angel Ortiz
Central Coast Energy Services	Nava Rastegar
Community Relations Social Development Commission	Chelsea Mervenne
Elevate Energy	Chelsea Mervenne
Emerald Cities Collaborative	Nava Rastegar
Enterprise Community Partners, Inc.	Nava Rastegar
FSL Home Improvements	Chelsea Mervenne
Houston Advanced Research Center	Angel Ortiz
Impact Community Action	Nava Rastegar
International Center for Appropriate and Sustainable Technology	Chelsea Mervenne
Interstate Renewable Energy Council	Angel Ortiz

Grantee	E&I Project Officer
La Casa de Don Pedro	Nava Rastegar
Minnesota Department of Commerce	Angel Ortiz
Neighborhood Housing Services of Toledo, Inc.	Chelsea Mervenne
Oregon Training Institute	Angel Ortiz
Philadelphia Green Capital Corp	Chelsea Mervenne
Red Cloud Renewable	Chelsea Mervenne
Rural Alaska Community Action Program, Inc.	Nava Rastegar
Seattle Office of Housing	Angel Ortiz
Champaign County Regional Planning Commission	Nava Rastegar
Vermont Office of Economic Opportunity	Angel Ortiz

As of September 1, 2024

WAP RETROFIT & READINESS

Program Year 2023 | Current Production and Expenditures



23,088 units weatherized to date



\$243.5 million total expenditures to date

WAP Fiscal Year/Program Year 2024 Funding

FY 2024 WAP Appropriations - \$366 million

\$326 million: Formula Funds, which include the following:

• \$19.56 million: Enhancement & Innovation (E&I) @ 6%

• \$6.52 million: Sustainable Energy Resources for Consumers Grants (SERC) @ 2%

\$30 million: Weatherization Readiness Funds (WRF)

• \$10 million: Training & Technical Assistance (T&TA)

Formula Allocation Updates

440.10 Allocation of Funds regarding the update of the formula:

- (d) All data sources used in the development of the formula are publicly available. The relevant data is available from the Bureau of the Census, the Department of Energy's Energy Information Administration and the National Oceanic and Atmospheric Administration.
- (e) Should updates to the data used in the formula become available in any fiscal year, these changes would be implemented in the formula in the following program year.

Formula Allocation Updates

Federal Register / Vol. 60, No. 107 / Monday, June 5, 1995

Provides the last full explanation of the components and how each Grantee's portion was calculated, including:

Low-Income Households

- 1995 data, ~16M low-income households (based on 150% of Federal Poverty Guidelines)
 - 2020 data, ~35M low-income households (based on 200% of Federal Poverty Guidelines)

Weather Data

- 1995 data, median 5,430 Heating Degree Days and 867 Cooling Degree Days
 - From 2020 data, median 4,809 Heating Degree Days and 1084 Cooling Degree Day

Low-Income Residential Energy Expenditures per Household

- 1995 data, total median expenditure for low-income households, \$995.34, annually.
 - From 2020 data, total median expenditure for low-income households, \$1,884 annually.

Program Year 2025 Annual Guidance

Updates to WPN 25-1

- NEW AWARD no carryover
- 2 CFR 200 references
- National Environmental Protection Act and Historic Preservation
 - All related WPNs and Memos moved to WPN 25-1
- Updated formula data
- Average Cost Per Unit
 - Using calendar year CPI instead of fiscal year CPI

Updates to Application Instructions

- Optional Budget Categories (WPN 24-7)
- New Requirements for SF-424 attachments
 - Provide procedures for:
 - Dispute Resolution Process
 - Investigating Allegations of Fraud,
 Waste and Abuse

Award Closeouts

- Program Year 2024 is the last year of the current award.
- Closeout Requirements 2 CFR 200
- Timeframe 120 days after end of award, submit all financial, performance and other reports required by terms & conditions.
 - April 1 Grantees (3/31/25 end date)
 - July 29, 2025 120-day deadline
 - July 1 Grantees (6/30/25 end day)
 - October 28, 2025 120-day deadline

Resource: WPN 21-4 Revised

Award Closeout Materials

- PAGE Reports
 - Final Quarterly Performance Report (DOE 540.3 form)
 - Final Federal Financial Report (SF-425)
 - Historic Preservation Report
 - Annual Training & Technical Assistance,
 Monitoring and Leveraging Report
- Final Property Certification (SF-428 & SF-428B)
 - Annual Report SF428-A
 - Final Report, SF428-B
 - Disposition Request/Report, SF428-C
- Award Documentation FedConnect

WEATHERIZATION READINESS FUNDS UPDATE

Program Year 2022 | WRF Results



WEATHERIZATION READINESS 2022 HIGHLIGHTS

1,423

of prevented deferrals reported

71 yrs.

Average age of home (1953)

\$3,547.16

Average WRF expenditure per project

MOST COMMON MEASURES:

Roof repairs

Plumbing repairs

Electrical repairs

Mold/moisture

Asbestos removal/ encapsulation BREAKDOWN OF STRUCTURE TYPE:

Single Family: 72%

Manufactured: 15%

Multifamily: 2%

Not reported: 11%

WRF Reminders

- Use of WRF <u>must</u> result in a DOE WAP completion.
- <u>Funds intended for repairs</u>, that if left uncorrected, would lead to a deferral or to address items that resulted in a deferral.
- Grantee set budgetary controls either as a Maximum Cap per home or an Average WRF cost per home.
- The WRF Plan <u>must</u> include a Grantee monitoring element for oversite.



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WAP BIL AWARDS

BIL Funding Overview

OVERALL FUNDING - \$3.2 billion

\$3.168 billion Formula grants

\$70 million SERC grants \$25 million E&I grants

BIL Grants | Production and Expenditures



unita waatharizad

units weatherized



total expenditures

WPN BIL-5:

Average Cost Per Dwelling Unit and Allowable Use of Funds Update



BIL funded grants will follow a *5-year average ACPU limit* for Program Years (PY) 2022-2026.



Allowable to weatherize homes with *BIL funds* braided in conjunction with WRF, SERC, and/or E&I funds.



A home weatherized with BIL funds <u>SHALL</u> <u>NOT</u> be braided with WAP formula or CSPP funds.



When DOE funds are braided, *measures* must be paid, in full, with a single DOE funding type and are not to be co-funded.

BIL Average Cost Per Dwelling Calculator Resource

Grantee BIL ACPU Calculator			
Instructions:			
are established historic numbers and may not be changed.			
Enter data only in the Green cells			
All Yellow cells are auto-calculated based on user inputs			
color based on final results. Red means over allowable ACPU budget			
	year ACPU (Est.)		
9 \$ 8,250 \$ 8,497 \$ 8,667 \$ 8,840 \$	8,45		
9 \$ 4,047 \$ 4,169 \$ 4,252 \$ 4,337 \$	4,14		
0 \$ 12,000 \$ 8,200 \$ 8,250 \$ 8,300			
0 100 500 2000 4000	665		
0 \$ 1,200,000 \$ 4,100,000 \$ 16,500,000 \$ 33,200,000 \$	56,200,00		
Grantee Estimated BIL ACPU \$ 8,451.			
Difference from Maximum Estimated BIL ACPU \$	(1.5		
Total Budget Difference \$ (10,08)			
2025 CPI or 3% 2026 CPI or 3%			
whichever is less whichever is less			
(est.) (est.)			
mated annual ACPU adjustment 2.00% 2.00%			

	Table below shows historic ACPU changes and the					
	corresponding Consumer Price Index (CPI) % change. Any					
	year the CPI is higher than 3%, regulation directs WAP to					
		use 3%.				
	Historical WAP %		CPI*			
	2002	2.7%	2.7			
	2003	1.8%	1.8			
	2004	2.2%	2.2			
	2005	2.7%	2.7			
	2006	3.0%	4.7			
2007		2.1%	2.1			
	2008	2.8%	2.8			
	2009	3.0%	4.8			
	2010	-1.3%	-1.3			
	2011	1.1%	1.1			
	2012	3.0%	3.9			
	2013	2.0%	2.0			
	2014	1.2%	1.2			
2015		1.7%	1.7			
	2016	0.0%	0.0			
	2017	1.5%	1.5			
	2018	2.2%	2.2			
	2019	2.3%	2.3			
	2020	1.7%	1.7			
	2021	1.4%	1.4			
	2022	3.0%	5.4			
	2023	3.0%	8.2			
	2024	3.0%	3.7			
	Average	2.0%	2.6			

*October BLS report

WPN BIL-6:

Applicability of Davis-Bacon Act (DBA) Prevailing Wage Requirements to WAP BIL

DBA applies only to work performed on multifamily buildings not fewer than 5 units using BIL funding.

- Grantees, Subgrantees, contractors, and subcontractors <u>must include</u> the applicable wage determinations in bid solicitations, assistance agreements, and the resulting contracts and grants.
- DOE procured <u>LCPTracker software</u> to assist the WAP network to streamline payroll certification compliance.
 - Grantees/Subgrantees must use this system to comply with DBA requirements.
 - Grantees/Subgrantees should set up LCPTracker accounts 2-3 months prior to project start up.
- DOE provides flexibility regarding prevailing wage lists used in the energy model, allowing use of Residential Wage Determination for modeling even if the Building Wage Determination is used for paying workers.

DBA Website for WAP

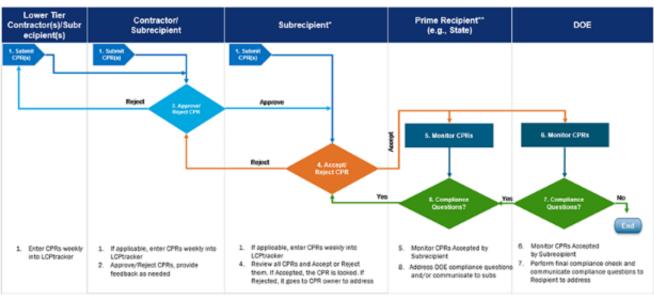
https://www.energy.gov/scep/wap/davis-bacon-act-applicable-bil-wap

Topics:

- Flow chart for DBA requirements
- Flow chart of certified payroll responsibilities
- LCPTracker
 - Getting started
 - Set-up process
 - Roles
 - Manuals
 - Related Resources
- Training links
- Live training schedule

CERTIFIED PAYROLL RESPONSIBILITIES

Here is a flowchart of how certified payroll responsibilities generally look for Grantees (Prime Recipients), Subgrantees (Subrecipients) and Contractors.



- * In this case, the Prime Recipient has delegated accept/reject of the CPR to a Subrecipient.
- * Crew-based Sub-Grantees will approve and accept their own payroll
- **Territories and Tribes providing direct services will be responsible for the Grantee and Sub-Grantee entering, reviews, and acceptance of CPRs
- ***As needed, DOE may request on-site visits to interview workers

DBA Implementation Chart

TASK	DOE	GRANTEE*	SUBGRANTEE**	CONTRACTOR	SUBCONTRACTOR
Include DBA specifications and requirements in all awards/contracts.					
Certify prevailing wages were paid to laborers and mechanics for work performed on buildings with not fewer than 5 units.		If serving as Subgrantee	If crew-based		
Oversight/Monitoring to ensure compliance.	•				
Record retention, document compliance.					

^{*}Grantees that are not units of government (e.g., awardees under the competitive grants) may be subject to DBA requirements if performing work on units. Grantees should review the Frequently Asked Questions and consult with their respective Project Officer, if unsure of applicability.

^{**}If the Subgrantee is a unit of local government, certain requirements may not apply.

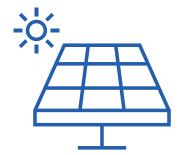
INNOVATION

Enhancement & Innovation

Statutory Purposes (42 USC 6864d):

- Weatherization Readiness
- Renewable Energy
- Enhance/Expand Heath and Safety Measures
- Hire and retain employees who are underrepresented in home performance and from the community being served
- Disseminate new methods and best practices







E&I Funds:

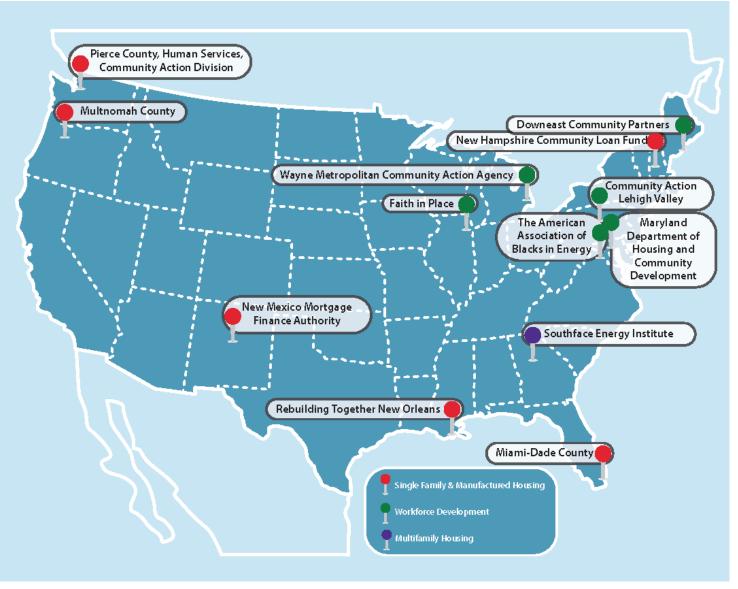
- Are not subject to the Average Cost Per Unit rules.
- Are **not subject** to the savings-to-investment ratio requirements.
- May be used in coordination with (braided with) other federal funds including DOE
- Encourage partnerships with other public and private entities
- Have the following goals & objectives:
 - 2:1 leveraging
 - Deliver benefits to disadvantaged communities
 - Scalable solutions
 - Diversity, Equity and Inclusion

WAP BIL Enhancement & Innovation Selections May 23, 2024

WEATHERIZATION ASSISTANCE PROGRAM BIPARTISAN INFRASTRUCTURE LAW

ENHANCEMENT & INNOVATION SELECTIONS

Investing \$25 million in residential weatherization, health & safety, renewables, and workforce development across 13 projects





WAP Enhancement and Innovation FOA – July 30, 2024

WAP Memorandum 134: WAP Enhancement & Innovation Funding Opportunity Announcement (DE-FOA-0003407)

- \$36 million in available funding.
- Three (3) year awards; \$2 million award maximum per recipient.
- Full applications are due on October 11, 2024 by 5:00pm ET.

Eligible Entities:

WAP Grantees

WAP Subgrantees

Nonprofit Organizations

Topic Areas:

Multifamily Housing

Single Family & Manufactured Housing

Workforce Development

WAP Enhancement & Innovation (DE-FOA-0003407)

Anticipated Schedule

FOA Issue Date	07/30/2024
Submission Deadline for Full Applications	10/11/2024
Expected Date for DOE Selection Notifications	02/27/2025
Expected Timeframe for Award Negotiations	March – June 2025

DOE anticipates making awards July 1, 2025.

About SERC Grants

SERC Overview

- When WAP appropriations exceed \$275M, up to 2% can be allocated to SERC projects.
- Key priorities include benefits for Low to Moderate Income energy consumers, replication potential, health and safety impact, and partnerships.
- Supported technologies include solar panels, Heat Pumps, indoor air quality systems, cool roofs, and more.
- SERC funds offer flexibility such as no SIR or ACPU requirements.

Past and Current Awards

- **BIL**: \$70M BIL available, \$53.6M in selections announced 8/21/24
- PY22: \$5.6M awarded to NY, PA, MA, MN, and NM.
- PY23: \$15.2M awarded to CO, ME, MA, MN, MT, NH, NY, OH, OK, and VA.

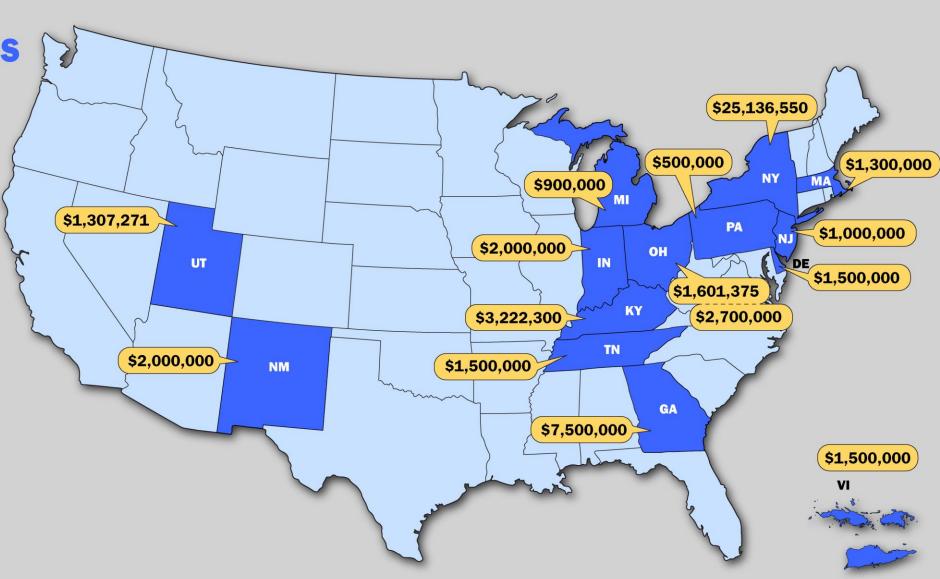
Future Opportunities

 TBD – DOE will share an update at NASCSP Winter Conference

WEATHERIZATION ASSISTANCE PROGRAM - BIPARTISAN INFRASTRUCTURE LAW

SUSTAINABLE
ENERGY RESOURCES
FOR CONSUMERS
(SERC)

Investing over \$53 million in renewable energy systems and other energy technologies and solutions to enhance the Weatherization Assistance Program





Innovation Website

WEATHERIZATION ASSISTANCE PROGRAM



Weatherization Assistance Program » Weatherization Innovation

About the Weatherization Assistance Program Innovation Grants

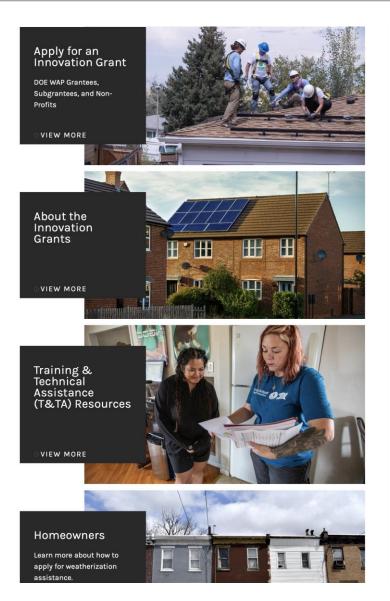
The U.S. Department of Energy (DOE) Weatherization Assistance Program (WAP) offers competitive grants for innovation, provides training and technical assistance (T&TA) to grantees, disseminates best practices, and scales innovation to the formula WAP.

Innovation grants are available to WAP Grantees, Subgrantees, and non-profit organizations to demonstrate innovative technologies and approaches that go beyond the scope of the WAP formula program. These grants fund projects that support the government-wide approach to the climate crisis by driving the innovation that can lead to the deployment of energy efficiency retrofits and clean energy technologies, which are critical for climate protection.

Additionally, these grant-funded projects improve the energy efficiency of America's housing stock, and benefit low-income households by improving indoor air quality and reducing utility bills. Through place-based projects, these grants enable deeper energy retrofits of low-income housing, support the local workforce, and further accelerate The Office of State and Community Energy Program's deployment of clean energy technologies.

Sustainable Energy Resources for Consumers (SERC) Grant

The application for the WAP SERC Grant is open to current WAP Grantees and Subgrantees. Apply now!



PROGRAM & POLICY UPDATES

Released Weatherization Program Notices (WPN)

Weatherization Program Notice 24-9: Weatherization Readiness Funds – Implementation (9/19/24)

Provides updated policy guidance for the implementation and use of Weatherization Readiness Funds.

Weatherization Program Notice 24-8: E&I Policy and Reporting (released 8/27/2024)

Provides updated policy and reporting requirements for DOE WAP Enhancement and Innovation (E&I) grant recipients.

Weatherization Program Notice 24-7: Optional Budget Flexibilities for the Average Cost Per Unit (released 5/10/2024)

New optional Budget Categories that can be used to capture costs related to these specific activities which DOE considers to be outside the amount of expenditures calculated in the average cost per dwelling unit.

Weatherization Program Notice 24-4: Weatherization Assistance Program Monitoring Procedures (released 5/10/2024)

Issued updated monitoring policy and procedures for WAP annual formula and Bipartisan Infrastructure Law (BIL) grants and any corresponding SERC and CSPP grant projects.

Released WAP Memorandums

Weatherization Memorandum 136: Quality Work Plan-Multifamily Training Requirements (released 9/9/24)

DOE will not require current and future Grantee Training Plans to include comprehensive training for multifamily buildings training activities. Future Grantee Training Plans must include specific training for multifamily buildings for individuals signing off on work and WAP field workers completing weatherization.

Weatherization Memorandum 135: Bipartisan Infrastructure Law (BIL) WAP Sustainable Energy Resources for Consumers (SERC) Selections (released 8/21/2024)

The U.S. Department of Energy (DOE) is awarding a total of \$53.6 million to fourteen (14) WAP Grantees (Attachment 1). BIL SERC projects range in scope and size with a wide range of supported technologies such as solar photovoltaic (PV), solar hot water heaters, cold climate air source heat pumps, heat pump hot water heaters, triple pane windows and tankless water heaters.

Weatherization Memorandum 128: New Data Collection Requirements Starting Program Year 2024 – REVISED (released 8/5/2024)

Memo updates the weatherization network that DOE received approval to continue collecting information required to respond to OMB, congressional and consumer requests, and inform budget preparation and grant administration through April 30, 2027.

Weatherization Memorandum 134: Enhancement & Innovation Funding Opportunity Announcement (7/30/2024)

U.S. Department of Energy is pleased to announce the Association of Energy Engineers (AEE) has entered into a license agreement with the National Renewable Energy Laboratory for the HEP, EA, and QCI certification schemes.

Weatherization Memorandum 131: Requirements to Request Remaining 50% of Obligated Funds under the Bipartisan Infrastructure Law (7/9/2024)

Memo details the Grantee submission, assessment criteria and approval process for DOE to release the remaining 50% of obligated BIL funds.

Weatherization Memorandum 133: EA and QCI Certification Body Update (6/28/2024)

U.S. Department of Energy is pleased to announce the Association of Energy Engineers (AEE) has entered into a license agreement with the National Renewable Energy Laboratory for the HEP, EA, and QCI certification schemes.

Weatherization Memorandum 132: WAP Enhancement and Innovation NOI (6/20/2024)

DOE published a Notice of Intent (NOI) on the Clean Energy Infrastructure Funding Opportunity Exchange. This NOI announces the upcoming issuance of a \$36 million Funding Opportunity Announcement (FOA) titled "WAP Enhancement & Innovation."

Weatherization Memorandum 129: Bipartisan Infrastructure Law (BIL) WAP Enhancement & Innovation Selections (released 5/23/2024)

WAP selected 13 Enhancement & Innovation projects, totaling approximately \$25 million, from the "BIL WAP Enhancement & Innovation" Funding Opportunity Announcement.

WPN 24-9 Weatherization Readiness Fund-Implementation

Activities, Expenditures & Reporting

- Activities and expenditures within the same grant cycle as awarded.
- Weatherization must happen within a reasonable time based on Grantee's WRF Plan
- Grantees may utilize WRF on annual formula funded and Bipartisan Infrastructure Law (BIL) funded weatherization projects.
- Tracking and Report: Grantees must track WRF funded projects to ensure they result in a DOE completed weatherization unit.
 - Report on Quarterly Performance Report and Annual T&TA, Monitoring and Leveraging Report
- Monitoring: Grantees must monitor these funds as part of the Grantee's annual monitoring of Subgrantees

WRF Plans

- Address needs of service territory and housing stock
- How funds will be distributed
- How households will be prioritized
- Defines reasonable time for unit completion
- Outlines any restrictions related to funding
- How Grantee will monitor WRF activities
- Sets maximum amount per unit or WRF ACPU

WPN 24-7:

Optional Budget Flexibilities for the Average Cost Per Unit

Issued Date: May 10, 2024

These three new *optional* Budget Categories can be used to capture costs related to these specific activities, which DOE considers to be outside the ACPU limits.





ENERGY AUDITS



OFFICE OF STATE AND COMMUNITY ENERGY PROGRAMS

WPN 24-4 | Monitoring Procedures Snapshot

Issued Date: May 10, 2024

Supersedes: WPN 20-4

Regulation: 10 CFR 440.23

Applies to: Annual Formula Grants

BIL Grants

Sustainable Energy Resources for Consumers (SERC) Grants

Community Scale Pilot Project (CSPP) Grants

Key Revisions: Updated monitoring definitions and terminology

Refinement of federal monitoring activities – onsite, desktop

and ad hoc monitoring

Updated monitoring checklist tools

Refinement of Federal Monitoring Activities

WPN 20-4 Activities

Onsite Monitoring

- Onsite Programmatic Monitoring
- Onsite Technical Monitoring

Desktop Monitoring

Quarterly Desktop

Ad Hoc Monitoring

WPN 24-4 Activities

Onsite Monitoring

- Onsite Programmatic Monitoring
- Onsite Technical Monitoring
- Comprehensive Monitoring
 - Onsite Technical and Programmatic OR
 Onsite Technical & Programmatic Desktop

Desktop Monitoring

- Quarterly Desktop
- Annual Programmatic or Technical Desktop

Ad Hoc Monitoring

Monitoring Checklist Tools

Previous programmatic and technical monitoring checklist tools were updated and the Sustainable Energy Resources for Consumers (SERC) monitoring tools were added.

Programmatic Monitoring Checklists

- Grantee Checklist
- Grantee Monitoring of Subgrantees Review Checklist
- SERC Programmatic Monitoring checklist
- SERC Programmatic Grantee Monitoring of Subgrantees Review Checklist

Technical Monitoring Checklists

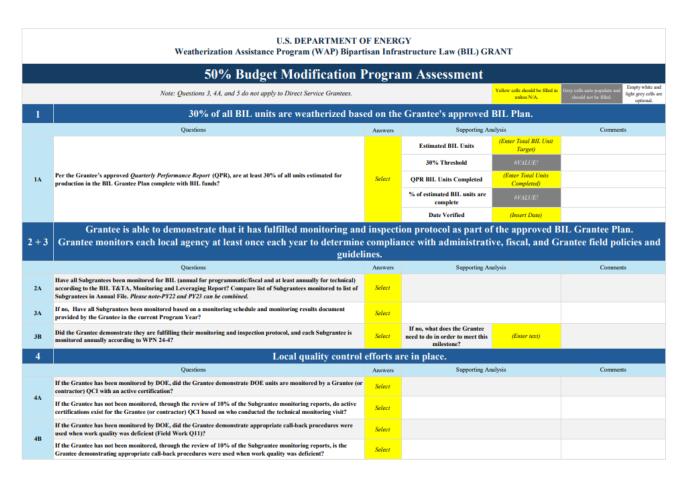
- Grantee Checklist
- Grantee Monitoring of Subgrantees Review Checklist
- SERC Technical Monitoring checklist
- SERC Technical Grantee Monitoring of Subgrantees Review Checklist

WAP Memorandum 131: Requirements to Request Remaining 50% of Obligated Funds under the Bipartisan Infrastructure Law

Issued Date: July 9, 2024

Memorandum provides details on:

- Milestones and Assessment Criteria
- Submission Process
 - Resubmission of SF-424
 - Email to Project Officers
- Approval Process by DOE



U. S. DEPARTMENT OF ENERGY | OFFICE OF STATE AND COMMUNITY ENERGY PROGRAMS

WAP Memorandum 131: Requirements to Request Remaining 50% of Obligated Funds under the Bipartisan Infrastructure Law

Milestones for Release of 50% of Obligated Funds under BIL

- 1. 30% of all BIL units are weatherized based on Grantee's approved BIL Plan.
- 2. Grantee is able to demonstrate that it has fulfilled monitoring and inspection protocol as part of the approved BIL Grantee Plan.
- 3. Grantee monitors each local agency at least once a year to determine compliance with administrative, fiscal and Grantee field policies and guidelines.
- 4. Local quality control efforts are in place.
- 5. At least 5% of the completed BIL units are inspected by the Grantee's certified QCI staff during the course of the year.
- 6. Grantee's quarterly progress and annual reports are current, accurate and approved by Project Officer in accordance with grant requirements.
- 7. Monitoring reviews by DOE confirm acceptable performance.

WAP Memorandum 128: New Data Collection Requirements - REVISED

Reissued Date: August 5, 2024

Effective and required for Program Year 2024.

- April 1 Grantees started with Quarter 1 reporting, 4/1/2024-6/30/2024
- July 1 Grantees will start with their Quarter 1 reporting, 7/1/2024-9/30/2024.

Quarterly Performance Report (QPR) Updates

- Units Completed by Subgrantee
- Number of Multifamily Buildings Weatherized
- Buildings by Weatherization Readiness Funds
- Renewable Energy Total Installed Capacity

Annual Report Updates

- Weatherization Readiness Detail
- Diversity, Equity, Inclusion and Energy Justice
 - Number of minority, women and veteran-owned businesses contracting with Grantee and Subgrantee.
- New T&TA Report activities
 - Workforce Partnerships
 - Recruitment and retention initiatives

Memorandum 104: Build America, Buy America Requirement

Issued Date: May 18, 2023

- BIL established a domestic content procurement preference for all federal financial assistance obligated for infrastructure projects after May 14, 2022, known as "Build America, Buy America" (BABA).
- Per BABA requirements, most projects typically addressed by WAP will not be subject to these requirements.
 - Only weatherization on public housing, or on privately owned buildings that serve a public function are required to comply with the BABA requirements.
- When necessary, recipients may apply for, and DOE may grant, a waiver from the Buy America Preference requirements.
 - Details on how to apply for a waiver are in <u>Memorandum 104</u>.
 - https://www.energy.gov/management/doe-buy-america-requirement-waiver-requests

WPN, Memorandums, and Resources in Development

- Update to WPN 22-10: Non-Energy Impacts
- Memorandum for updated datasets to WAP Formula
- Income eligibility consolidation

2 CFR 200 Update

On September 22, 2023, the Office of Management and Budget (OMB) announced plans for significant revisions to the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) located in title 2 of the Code of Federal Regulations (CFR).

DOE implementing as of October 1, 2024:

- Section 200.313, relating to equipment, the threshold value for equipment increased from \$5,000 to \$10,000.
- Section 200.307, relating to program income, OMB provided clarifications in paragraph (a) regarding use and
 expenditure of program income, including allowing program income for certain closeout costs. OMB also revised
 and provided further clarifying guidance in paragraph (b) for each of the three methods for use of program
 income.
- Section 200.319, relating to competition, OMB removed the prohibition on using geographic preference requirements in procurement.
- Section 200.321, relating to contracting with small businesses, minority businesses, women's business enterprises, veteran-owned businesses, and labor surplus area firms, OMB added "veteran-owned business"
- Section 200.414, relating to indirect costs, OMB raised the de minimis rate from **10 percent to 15 percent**.
- Section 200.501, relating to audit requirements, OMB raised the audit threshold from \$750,000 to \$1,000,000.

Historic Preservation Programmatic Agreements

- DOE, the Advisory Council on Historic
 Preservation (ACHP) and the National
 Conference of State Historic Preservation
 Officers (NCSHPO) developed an amendment
 to extend the expiration date of the executed
 subsequent Programmatic Agreements (PA).
- All Grantees elected to extend their agreement with DOE.
 - Most amendments last until
 December 31, 2030.
 - Four Grantees have agreements ending on December 31, 2025.

Programmatic Agreements ending in 2025

California
Michigan
Minnesota
Washington

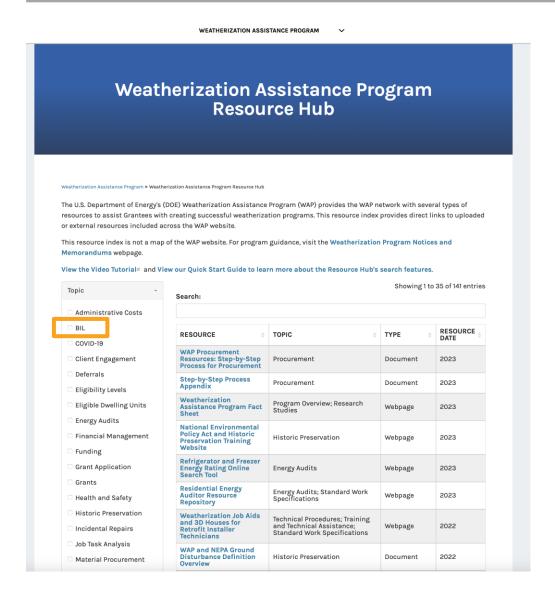
WAP Regulatory Update

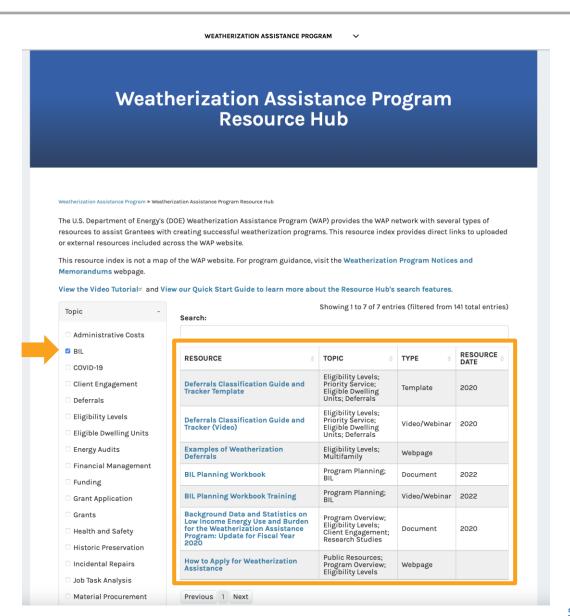
DOE intends to amend its existing regulations for WAP (10 CFR 440).

- Revisions may reflect:
 - Recent statutory amendments
 - Congressional direction
 - Existing practices
 - Long-standing program guidance
 - Minor clarifications
- Timetable
 - Listening Session/Webinar, May 8, 2024
 - Interim Final Rule, Fall, 2024

TRAINING & TECHNICAL ASSISTANCE

WAP Resource Hub





Training & Workforce Development Resources



7-2

Manufactured Home Insulation: Gable End Blow Method

Job Aid for Insulate the Ceiling of a Manufactured Home Badge

Aligns With Standard Work Specifications 4.0103.9



Verify the integrity of the ceiling to ensure it can support the weight of additional insulation



Clamp a piece of copper wire to a metal connector to discharge static electricity build up.



Remove or carefully fold the gable end cladding material to access the attic. Access can also be achieved by removing the existing gable vents or installing new ones.



Insert the insulation fill tube as far as possible, moving the tube side to side while slowly retracting it to ensure adequate insulation coverage. If a marriage wall is present, use this technique on each side of the wall.



When complete, post a dated insulation certificate/receipt signed by the installer with the required information (e.g., insulation type, area insulated, thickness, etc.).



Depending on the method of access, reseal gable end cladding material or install vents with mesh screening no larger than 1/4 inch. Repeat all steps from the other end as needed to ensure adequate coverage.

7-2 Manufactured Home Insulation: Gable End Blow Method

(6) SCEP

hocklie

Insulate the ceiling of a manufactured home

DESIRED OUTCOME

Consistent, uniform thermal boundary and air barrier between the conditioned space and unconditioned space.¹

Ceiling prepared for insulation:

- Any high-temp issues have been safely addressed.
- Ventilation ductwork terminates to the exterior.
- Plumbing stacks terminate to the exterior.
- Recessed lights are insulation contact-rated or are replaced with insulation contact-rated fixtures or equipped with inserts.
- Roof/ceiling is in good repair.
- Interior ceiling penetrations are sealed.
- Dust control measures installed as needed

Insulation:

- Drill holes or otherwise access cavities to allow for consistent, uniform coverage to the proper depth.
- Install insulation according to the manufacturer's requirements to achieve density of 1.5–1.6 lbs
- Overblow no more than 5 bags according to manufacturer's coverage chart.
- Repair access points/holes in a workmanlike manner.
- Fill out applicable sections of house-wide insulation certificate with? insulation type, coverage area, installed thickness, settled thickness, Ryalue, and number of bags installed.

1. Relevant Standards: 4.0103.9

Underlined details are required on all insulation certificates. Other items are required only when using blown-in insulation.

The WeatherCation Installer Job Acids were developed by Simonson Management Services, under contract (GS-10F-0068/U89748/322FEE800259) and published by the National Reviewable Energy Laboratory under commact (CE-4CS-686C028300) with the U.S. Department of Energy. These job aids were funded by the WeatherCation Assistance Program with contributions from the weatherCation Stating nations.

DOE/GO-102023-5934 • June 2024

For more information, visit: energy.gov/scep.

7-2 Manufactured Home Insulation: Gable End Blow Method

2

Weatherization Job Aids



Insulate Attic Floor and Pass Inspection First Time

Desired outcome: Consistent thermal boundary between conditioned and unconditioned space bontrols heat flow.⁹

re-installation check:

- · Safety protocols (e.g., venting, lighting, protective barriers) implemented prior to beginning work; and
- Worker can determine whether attic is ready for insulation (e.g., check for air sealing, confirm dams around high-temperature items).

Post-installation check:

- · Insulation blown to proper depth;
- Level and even coverage reaches to all edges;
- Insulation is not blown onto equipment or between dams and the items dams are protecting;
- · No more than five bags overblown according to manufacturers' coverage chart;
- When insulating attic platforms or attics with partial platforms, insulation is in contact with air barrier (under platform) not blown over platform;
- · Insulation has no gaps, voids, compression, or misalignment; and
- Applicable sections of house-wide insulation certificate are filled out with¹⁰ insulation type, coverage
 area, installed thickness, settled thickness, R-value, and number of bags installed.

Installer Badges Toolkit

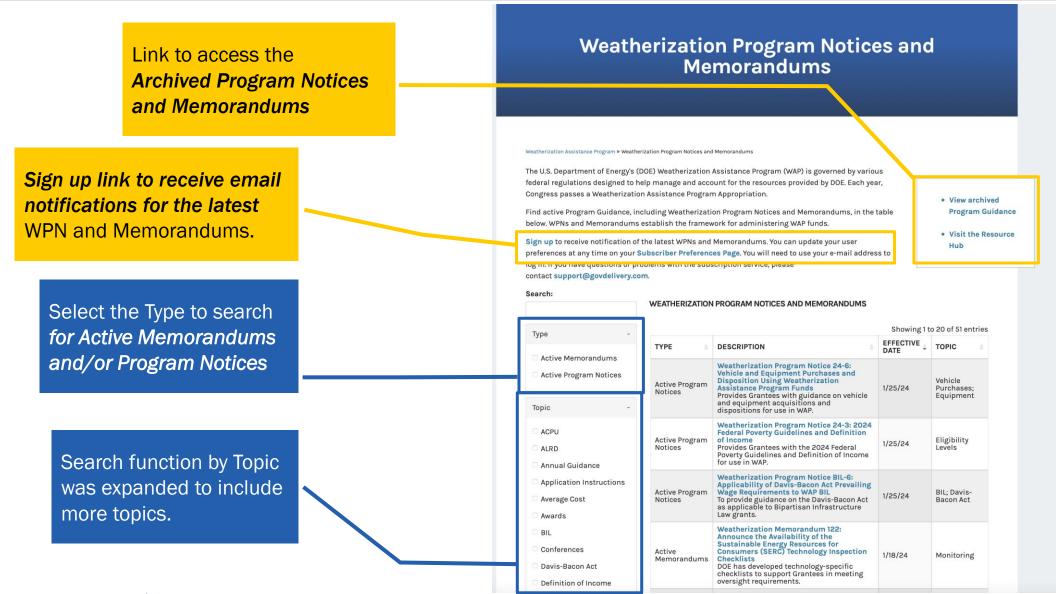


Vent Clothes Dryer to the Exterior

Desired outcome: Dryer air exhausted efficiently and safely without condensing in vent.²⁷

- · Duct material is rigid or semirigid sheet-metal venting material;
- Duct run is as short and straight as is practical:
- Duct run is supported as needed to prevent bending or sagging:
 - Support materials do not cause the interior dimensions of the ductwork to be less than specified.
- Dryer is ducted to exterior (This does not include unconditioned attics, crawlspaces, and other areas that
 are ventilated with the outdoors.);
- · Duct connections are sealed as follows:
 - Underwriters Laboratories (UL)-listed foil type duct or semirigid sheet metal to rigid metal is fastened with clamp;
- Other specialized duct fittings are fastened in accordance with manufacturer specifications; and
- In addition to mechanical fasteners, duct connections are sealed with UL 181B or 181B-M listed material.
- · Duct connectors or other fasteners will not obstruct exhaust flow:
- Where they run through unconditioned space, ducts are insulated (as required by the Authority Having Jurisdiction (AHD):
- · Termination fitting is appropriate for dryer and includes a backdraft damper; and
- Termination fitting does not include grille/cage/screen (International Residential Code (IRC) 1502.3).

Program Notices and Memorandum Page Updates



U. S. DEPARTMENT OF ENERGY | OFFICE OF STATE AND COMMUNITY ENERGY PROGRAMS

CIW Debrief/Highlights

- Since 2019, DOE has supported Continuous Improvement Workshops.
- These workshops are intended to provide a venue for two-way communications between DOE and the WAP stakeholders.

To date, 53 of the of the 57 Grantee regions have participated which make up Grantees, Subgrantees, Contractors and Training Centers.



2024 CIW

Two workshops are being held in 2024:

1) Energy Auditor and Quality Control Inspector Certification Processes

2) Leveraging Training and Technical Assistance Plans to Support Workforce Development (Fall 2024)

2024 CIW Debrief

- Energy Auditor and Quality Control Inspector Certification Processes:
 - Provide feedback on the certification solutions in place
 - What barriers to EA/QCI certifications were missed
 - If you could change one thing about the EA/QCI certification process, what would that be
- Leveraging Training and Technical Assistance Plans to Support Workforce Development:
 - Topics being finalized

2021 – 2024 Summary of Actions

- 2021
 - Grantee and Subgrantee Focused
 - Grantee Managers Toolkit (e.g., <u>Weatherization Installer Badges Toolkit</u>)
 - Now Weatherization Resource Hub
- 2022
 - Workforce Development
 - Workforce Development Toolkit
 - The Future of WAP
 - Cold Climate Air Source Heat Pump Toolkit
- 2023
 - Contractor Engagement and Multifamily Weatherization
 - Weatherization Procurement Resources
 - Multifamily Best Practices Webinar
 - Innovation and Partnership
 - WAP Successes and Solutions Center
- 2024
 - TBD!

Weatherization Training Centers

Center	Location	EA	QCI	RIT	CL	MF QCI	Contact Name	Email
Association for Energy Affordability, Inc. (AEA)	Bronx, NY		•		•		Nick Price	nprice@aea.us.org
Building Performance Center	Bellingham, WA		•		•		Ross Quigley	ross_quigley@oppco.org
CHP Energy Solutions, LLC	Christiansburg, VA		•				Andrew Woodruff	awoodruff@chpc2.org
Civic Works, Inc.	Baltimore, MD						Sterling Prudencio	sprudencio@civicworks.com
Clean Energy Center at Penn College	Williamsport, PA		•				Alison Diehl	aad1@pct.edu
COAD Ohio Weatherization Training Center	Athens, OH						Nicole Peoples	npeoples@coadinc.org
Energy Coordinating Agency of Philadelphia, Inc.	Philadelphia, PA	•	•	•			Walt Yakabosky	walty@ecasavesenergy.org
Everblue	Huntersville, NC		•				Quinn Peek	quin@goeverblue.com
FSL Southwest Building Science Training Center	Phoenix, AZ	•	•	•	•		Joshua Van De Venter	jvandeventer@fsl.org
Indiana Community Action Association (INCAA)	Indianapolis, IN						Melissa Dauby	mdauby@incap.org
Indoor Climate Research & Training, University of IL	Champaign, IL	•	•				Kristopher Chapman	kchampman@ccrpc.org
MiTEC State of Michigan Training Center	Lansing, MI		•				Kris Schoenow	schoenowk@michigan.gov

Weatherization Training Centers, cont.

Center	Location	EA	QCI	RIT	CL	MF QCI	Contact Name	Email
Montana Weatherization Training Center	Bozeman, MT		•	•	•		Aaron Mugaas	aaron.mugaas@montana.edu
New York State Weatherization Directors Association (NYSWDA)	Guilderland, NY	•	•			•	Andy Stone	astone@nyswda.org
Oklahoma Weatherization Training Center	Edmond, OK	•			•		Amanda Ewing	executivedirector@okacaa.org
Oregon Training Institute	Salem, OR				•		Drew Sizemore	drew@caporegon.org
Residential Energy Efficiency – Training Initiatives	Frankfort, KY	•	•	•	•		Mark Adams	madams@kyhousing.org
Richard Heath & Associates (RHA), Inc.	Chico, CA						Moe Srifi	msrifi@rhainc.com
Santa Fe Community College	Santa Fe, NM	•			•		Jeremey Mier	jeremy.mier@sfcc.edu
Slipstream, Inc.	Madison, WI			•	•		Suzanne Harmelink	sharmelink@slipstreaminc.org
SMOC/Green Jobs Academy	Framingham, MA		•	•	•		Rich DeYoung	rdeyoung@smoc.org
State of Utah	Clearfield, UT		•	•	•		Matt Turner	mjturner@utah.gov
Louisiana Housing Corporation	Baton Rouge, LA						Pam Lewandowski	plewandowski@lhc.la.gov
Apple Energy Group	Austin, TX						Kevin Scott	kscott@ptrc.org

MONITORING

Program Year 2024 Monitoring

47 Grantees Monitored

33
Comprehensive
Monitoring

7
Programmatic
Monitoring

7
Technical
Monitoring

116 total action items

39 findings

39 concerns

38 recommendations

WAP Monitoring Trends – Total Action Items by Category

Monitoring Category	# of Action Items (2021)	# of Action Items (2022)	# of Action Items (2023)	# of Action Items (2024)	
Eligibility	0	5	10	2	
Energy Audits	64	13	35	24	
Equipment/Inventory	4	0	6	2	
Feedback & Reporting	1	3	7	2	
Field Work	1	4	18	19	
Financial/Administration	7	17	20	14	
Grantee Monitoring	12	7	25	15	
Grantee Review	3	3	12	10	
Health & Safety	1	2	18	17	
Rental	1	0	2	2	
Policy Advisory Council	0	0	3	0	
Training and Technical Assistance (T&A)	0	0	10	4	
Subgrantee Monitoring/Management	9	9	15	5	

WAP Monitoring Trends – Action Items by Type/Category

Monitoring Category		Findings			Concerns			Recommendations		
	2022	2023	2024	2022	2023	2024	2022	2023	2024	
Eligibility	0	3	0	4	2	0	1	5	2	
Energy Audits	1	13	12	8	15	7	4	7	4	
Equipment/Inventory	0	1	1	0	1	0	0	4	1	
Feedback & Reporting	2	1	0	1	2	0	0	4	2	
Field Work	2	2	4	1	6	9	1	10	5	
Financial/Administration	8	4	7	7	7	2	2	9	4	
Grantee Monitoring	5	6	5	2	8	3	0	11	6	
Grantee Review	2	3	1	1	3	3	0	6	6	
Health & Safety	0	4	4	1	9	11	1	5	1	
Policy Advisory Council	0	0	0	0	1	0	0	1	0	
T&TA	0	0	1	0	4	1	0	6	2	
Rental	0	0	0	0	0	0	0	2	2	
Subgrantee Management	0	2	4	0	4	3	0	15	3	
Totals	24	39	39	29	62	39	10	79	38	

Energy Audit and Field Guides | Renewal Submissions

ENERGY AUDITS

Due 6 months prior to expiration date.

- Failure to submit required materials at least 6 months prior will result in an action item relating to WPN 23-6.
- Energy Audit Expedited Review:
 - Approved energy audit tools identified in Attachment 3.
 - Must submit all required information described in Attachment 1.
 - Package will be processed within 30 calendar days of official acknowledgement of receipt.
- Energy Audit Standard Review:
 - Handled on a case-by-case basis, based on the complexity of the request.

FIELD GUIDES

- Due 6 months prior to expiration date.
 - Failure to submit required materials at least
 6 months prior will result in an action item
 relating to WPN 22-4.
- Submission Package
 - Field Guides/Installation standards.
 - Additional forms/documents referenced in Field guides.
 - Any SWS variance request forms.

Upcoming Energy Audit Renewals

2025	Expiration Date
Vermont	2/4/2025
Missouri	2/27/2025
Puerto Rico	4/9/2025
Mississippi	4/13/2025
Colorado	4/20/2025
Massachusetts	6/8/2025
Utah	6/10/2025
Alaska	8/20/2025
Connecticut	8/27/2025
Florida	9/22/2025
South Dakota	10/26/2025

2026	Expiration Date
District of Columbia	1/12/2026
Alabama	1/21/2026
Minnesota	2/10/2026
Kansas	2/26/2026
California	4/20/2026
Texas	6/2/2026
Tennessee	7/5/2026
Michigan	9/8/2026

Upcoming Field Guide Renewals

2025		2026					
Grantee	Expiration Date	Grantee	Expiration Date	Grantee	Expiration Date	Grantee	Expiration Date
Missouri	2/27/2025	District of Columbia	1/12/26	Idaho	6/9/26	Ohio	8/27/26
Guam	3/4/2025	Minnesota	2/10/26	Kansas	6/16/26	lowa	9/3/26
Colorado	4/20/2025	New Mexico	2/16/26	Georgia	6/21/26	New Hampshire	9/3/26
Massachusetts	6/8/2025	Utah	3/18/26	Illinois	6/22/26	New York	9/3/26
		Kentucky	3/22/26	Arkansas	6/25/26	Maryland	9/7/26
		North Dakota	3/23/26	Arizona	6/28/26	Michigan	9/8/26
		Oregon	3/23/26	Louisiana	7/6/26	South Carolina	9/14/26
		Alaska	5/3/26	Montana	7/26/26	Maine	9/23/26
		Nebraska	6/2/26	New Jersey	7/28/26	Northern Marianas	10/10/26
		Mississippi	6/3/26	Indiana	8/4/26	Florida	11/8/26
		Oklahoma	6/7/26	Pennsylvania	8/9/26	Tennessee	11/9/26
		Texas	6/8/26	Connecticut	8/13/26	Alabama	12/6/26

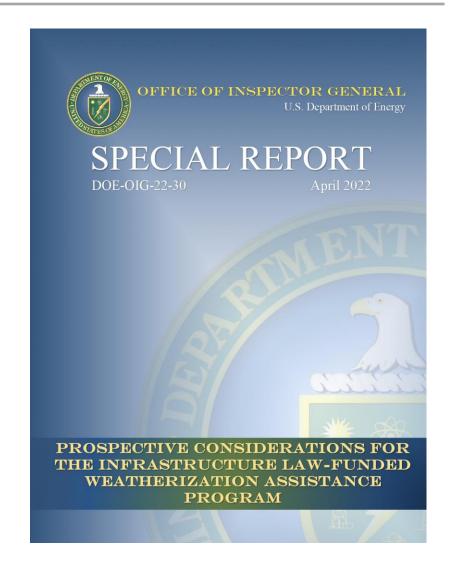
OFFICE OF INSPECTOR GENERAL (OIG) 2022 Report & PROGRAM INITIATIVES

OIG Summary of Issues

From the **OIG Special Report, April 2022**, the five broad areas of concern were:

- Senior Leader Fraud
- Controls Over Acceptance of Work
- Compliance with Terms and Conditions
- Grantee-Level Oversight Issues
- Administrative Remedies

Based on the OIG report, DOE anticipates there may be future audits on the Grantee/Subgrantee levels focusing on items called out in the report.



DOE Initiatives to Address OIG Issues

In response to the 2022 OIG report, DOE initiated the following improvements:

- Increased overall monitoring activities desktop and ad hoc monitoring.
- Addition of specific monitoring questions that address OIG's areas.
- Improved review process and controls over Grantee plan and quarterly report approvals.

• 2024 monitoring goals:

- Complete onsite technical monitoring of every WAP Grantee.
- Complete onsite or desktop programmatic monitoring for over 75% of Grantees.

OIG Issues | Grantee Requirements

As specified in **Term 45**, **Fraud**, **Waste and Abuse** in the WAP award Terms & Conditions, all Grantees must be cognizant of **2 CFR 200.113**, **Mandatory Disclosures**:

"The non-Federal entity or applicant for a Federal award must disclose, in a timely manner, in writing to the Federal awarding agency or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Non-Federal entities that have received a Federal award including the term and condition outlined in appendix XII of 2 CFR Part 200 are required to report certain civil, criminal, or administrative proceedings to SAM (currently FAPIIS). Failure to make required disclosures can result in any of the remedies described in § 200.339. (See also 2 CFR part 180, 31 U.S.C. 3321, and 41 U.S.C. 2313.)"

WAweb Updates

General Information

- 29 WAP Grantees utilizing WAweb
- Issue reporting
 - CONTACT US State and Community Energy Programs Support (ornl.gov)
 - Let DOE Technical Project Officer know of issue submission
- If you do not submit the issue, it obviously cannot be addressed
- DOE will be asking about WAweb implementation during regular Grantee calls
- DOE & ORNL meet regularly to discuss current issues and future needs

THANK YOU