

APPLICATION FOR FEDERAL ASSISTANCE SF-424

Version 02

1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

If Revision, select appropriate letter(s)

Other (specify):

3. Date Received

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:
DE-SE0001815

State Use Only:

6. Date Received by State: 09/29/2025

7. State Application Identifier: DC0101

8. APPLICANT INFORMATION:

a. Legal Name: DC Department of Energy and Environment DOEE

b. Employer/Taxpayer Identification Number (EIN/TIN):
536001131

c. UEI:
FE9RNTYNNKN9

d. Address:

Street 1: 1200 First Street NE
Street 2: 5th Floor
City: Washington
County: DISTRICT OF COLUMBIA
State: DC
Province:
Country: U.S.A.
Zip / Postal Code: 200020000

e. Organizational Unit:

Department Name:
Utility Affordability Administration

Division Name:
Residential Services Division

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms First Name: Lisa
Middle Name: Mae
Last Name: Crawford
Suffix:

Title: Associate Director

Organizational Affiliation: DOEE

Telephone Number: 2026713345

Fax Number:

Email: lisa.crawford@dc.gov

APPLICATION FOR FEDERAL ASSISTANCE SF-424

Version 02

9. Type of Applicant:

A State Government

10. Name of Federal Agency:

U. S. Department of Energy

11. Catalog of Federal Domestic Assistance Number:

81.042

CFDA Title:

Weatherization Assistance Program

12. Funding Opportunity Number:

DE-WAP-0002025

Title:

2025 Weatherization Assistance Program (WAP) Funding

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Washington, DC - All 8 city wards

15. Descriptive Title of Applicant's Project:

Weatherization Assistance Program in Washington, DC.

APPLICATION FOR FEDERAL ASSISTANCE SF-424

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16. Congressional District Of:

a. Applicant: District of Columbia At-Large Congressional District

b. Program/Project: DC-00

Attach an additional list of Program/Project Congressional Districts if needed:

17. Proposed Project:

a. Start Date: 07/01/2025

b. End Date: 06/30/2026

18. Estimated Funding (\$):

a. Federal	905,161.00
b. Applicant	0.00
c. State	0.00
d. Local	0.00
e. Other	0.00
f. Program Income	0.00
g. TOTAL	905,161.00

19. Is Application subject to Review By State Under Executive Order 12372 Process?:

☒ a. This application was made available to the State under the Executive Order 12372 Process for review

09/29/2025

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.☐ c. Program is not covered by E.O. 12372

20. Is the applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation)

No

21. By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to

☒ I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency

Authorized Representative:

Prefix: Mr First Name: Richard

Middle Name:

Last Name: Jackson

Suffix:

Title: Director

Telephone Number: 2025352600

Fax Number:

Email: richard.jackson2@dc.gov

Signature of Authorized Representative: Signed Electronically

Date Signed: 11/10/2025

Authorized for Local Reproduction

Standard Form 424 (Revised 10/2005)
Prescribed by OMB Circular A-102

U.S. DEPARTMENT OF ENERGY



BUDGET JUSTIFICATION FOR FORMULA GRANTS

Applicant: DC Department of Energy and Environment DOEE

Budget period: 07/01/2025 - 06/30/2026

Award number: SE0001815

1. **PERSONNEL** - Prime Applicant only (all other participant costs are listed in 6 below and form SF-242A, Section B.

Line 6.f. Contracts and Sub-Grants).

Positions to be supported under the proposed award and brief description of the duties of professionals:

Position	Description of Duties of Professionals
Associate Director	The Associate Director oversees the Residential Services Division which encompasses the Energy Efficiency and Conservation and Lead Hazard Reduction Branches. In concert with the Branch Chief, EECB assists with the identification and application process of applying to receive leverage funding to address income-qualified District residents with receiving services to address their dwellings in a holistic approach. Remainder of salary is charged to: WAP IJJA, HUD and LIHEAP.
Auditor	The Energy Auditor identifies potential multifamily projects to secure leveraged funding, provides subgrantee(s) with technical guidance, and conducts Energy Audits for the District's weatherization program for single and multifamily dwellings. Remainder of salary is charged to: LIHEAP.
Branch Chief	The Branch Chief provides oversight of all Subgrantee and subcontractors working on the Energy Efficiency and Conservation Branches Programs. Develops and implements necessary Memorandums of Understanding (MOU) to obtain additional funding for the Weatherization Assistance Program. Remainder of salary is charged to: Energy Conservation and LIHEAP.
Budget Analyst	The Budget Analyst conducts the financial monitoring of the Weatherization Assistance Program ensuring that expenditures align with the approved WAP State Plan and federal requirements. Provides program staff with monthly reports to ensure they stay abreast of expenditures, obligations, and remaining balances. Also, provides guidance when program staff conducts monitoring visits with Subgrantee personnel. Remainder of salary is charged to: various agency departments.
Compliance Specialist	Prepares all subgrantee awards and amendments; conducts final monitoring visit; reviews Subgrantee monthly monitoring reports to ensure compliance with 21-day completion requirements. Remainder of salary is charged to: WAP IJJA.
Quality Control Inspector	The Quality Control Inspector conducts Quality Control Inspections (QCI) for work completed under the Weatherization Assistance Program. Ensures the work is completed based on the approved Weatherization Operations Manual, SWS- Field Guide, and applicable state standards/regulations. Advises the Subgrantees of work failure, ensuring they addressed failed measures within the program-specific timeframe. Continually reviews internal program files to ensure compliance with the QCI file maintenance checklist. Remainder of salary is charged to: LIHEAP.

Quality Assurance Specialist	Conducts an in-office review of 100% of the subgrantee's client files to ensure the necessary documentation is in place and procedures were followed and conducts a secondary in-person visit on 10% of the units. Prepares subgrantee payment reimbursement requests and submits for final approval by the Branch Chief ensuring all documentation matches what was submitted by the DOEE BPI certified QCI. Remainder of salary is charged to: Energy Conservation and LIHEAP.
Grant Specialist/Program Manager	Assists with the development and submission of the State Plan, provide performance data for monthly and quarterly reports, work with Subgrantees to ensure client complaints and concerns are addressed, and provide assistance with program oversight. Remainder of salary is charged to: various agency departments.
Client Intake	Verifies client eligibility, conducts research to determine dwelling unit eligibility, and schedules client audits, QCI, and QA inspections as needed. Working with multifamily property owners and external stakeholders to maximum leverages opportunities to expand services being provided. Remainder of salary is charged to: WAP IIJA and LIHEAP.
Deputy Director	Provides oversight of the services provided to District Residents from the Utility Affordability and Residential Services Division. Remainder of salary is charged to: WAP IIJA, Special Purpose Revenue (SPR), and LIHEAP.

Direct Personnel Compensation:

Position	Salary/Rate	Time	Direct Pay
Associate Director	\$152,321.29	25.0002 % FT	\$38,080.63
Auditor	\$110,990.00	48.6620 % FT	\$54,009.95
Branch Chief	\$125,885.10	31.7750 % FT	\$39,999.99
Budget Analyst	\$142,635.90	15.0002 % FT	\$21,395.67
Compliance Specialist	\$77,651.20	3.5003 % FT	\$2,718.02
Quality Control Inspector	\$108,006.80	18.5174 % FT	\$20,000.05
Quality Assurance Specialist	\$95,117.00	15.0003 % FT	\$14,267.84
Grant Specialist/Program Manager	\$77,651.10	15.0003 % FT	\$11,647.90
Client Intake	\$70,626.60	25.0004 % FT	\$17,656.93
Deputy Director	\$172,700.00	5.0002 % FT	\$8,635.35
Direct Pay Total			\$228,412.33

2. FRINGE BENEFITS

- a. Are the fringe cost rates approved by a Federal Agency? If so, identify the agency and date of latest rate agreement or audit below, and attach a copy of the rate agreement to the application.

- b. If a. above does not apply, please use this box (or an attachment) to further explain how your total fringe benefits costs were calculated. Your calculations should identify all rates used, along with the base they were applied to (and how the base was derived), and a total for each (along with grand total). If there is an established computation methodology approved for state-wide use, please provide a copy. Also, please fill out the table below with the Fringe Benefits Calculations.

FY 2025 Fringe Benefits Estimated Allocation

Comp Source GroupComp ObjectPercentage allocation -for 23.90 % allocated

0014 (FRINGE BENEFITS - CURR PERSONNEL)0141 (GROUP LIFE INSURANCE)0.06%

0142 (HEALTH BENEFITS)10.55%

0147 (MISC FRINGE BENEFITS)0.00%

0148 (RETIREMENT CONTRIBUTION - FICA)6.10%

0152 (RETIREMENT CONTRIBUTION - CIVIL SERVICE)0.20%

0154 (OPTICAL PLAN)0.14%

0155 (DENTAL PLAN)0.21%

0157 (PREPAID LEGAL)0.16%

0158 (MEDICARE CONTRIBUTION)1.45%

0159 (RETIREMENT)4.5%

0160 (DC METRO BENEFITS)-0.01%

0161 (DC HEALTH BENEFIT FEES)0.47%

0014 (FRINGE BENEFITS - CURR PERSONNEL) Total23.90%

Fringe Benefits Calculations

Position	Direct Pay	Rate	Benefits
Associate Director	\$38,080.63	23.8998 %	\$9,101.19
Auditor	\$54,009.95	23.8999 %	\$12,908.32
Branch Chief	\$39,999.99	23.8999 %	\$9,559.96
Budget Analyst	\$21,395.67	23.8998 %	\$5,113.52
Compliance Specialist	\$2,718.02	23.8981 %	\$649.56
Quality Control Inspector	\$20,000.05	23.8997 %	\$4,779.95
Quality Assurance Specialist	\$14,267.84	23.8996 %	\$3,409.96
Grant Specialist/Program Manager	\$11,647.90	23.8995 %	\$2,783.79
Client Intake	\$17,656.93	23.8997 %	\$4,219.95
Deputy Director	\$8,635.35	23.8994 %	\$2,063.80
		Fringe Benefits Total	\$54,590.00

3. TRAVEL

- a. Please provide the purpose of travel, such as professional conference(s), DOE sponsored meeting(s), project management meeting, etc. If there is any foreign travel, please identify.

Purpose of Trip	Number of Trips	Cost Per Trip	Total
NASCSP State Managers Training (Winter Conference) will provide DOE personnel working on the Weatherization Assistance Program an opportunity to network with their peers in the industry to determine possible program best practices. The majority of the costs will be covered using leverage funding.	1	\$1,366.00	\$1,366.00
NASCSP Winter Conference Full Session will provide the Program Manager, Branch Chief, Associate Director, eligibility specialist, grants director, and finance specialist vital information as it pertains to the Weatherization Assistance Program to include new program guidance, best practices, leveraging opportunities, and implementation of renewable measures as an energy efficiency measure. The majority of the costs will be covered using leverage funding.	5	\$778.00	\$3,890.00
		Travel Total	\$5,256.00

- b. Please provide the basis for estimating the costs, such as past trips, current quotations, Federal Travel Regulations, etc. All listed travel must be necessary for the performance of the award objectives.

Travel is consistent with the District of Columbia travel policy. Leveraged funds will be used in conjunction with US DOE funding to attend US DOE mandatory training and conferences along with the necessary training to implement a successful weatherization + health program.

Travel related to monitoring:

The subgrantee(s) are local, so budgeted funds are not required for monitoring purposes. DOEE will utilize District Government Fleet vehicles at no cost to the US DOE grant. The program staff that conducts the field monitoring is paid through another funding source. The programmatic and financial monitoring is conducted by other staff where a small portion of their salaries are funded through the US DOE grant.

4. **EQUIPMENT** - Equipment is generally defined as an item with an acquisition cost greater than \$10,000 and a useful life expectancy of more than one year.

- a. List all proposed equipment below and briefly justify its need as it applies to the objectives of the award.

Equipment	Unit Cost	Number	Total Cost	Justification of Need
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- b. Please provide a basis of cost such as vendor quotes, catalog prices, prior invoices, etc. and justify need. If the Equipment is being proposed as Cost Share and was previously acquired, please provide the source and value of its contribution to the project and logical support for the estimated value shown. If it is new equipment which will retain a useful life upon completion of the project, provide logical support for the estimated value shown. Also, please indicate whether the Equipment is being used for other projects or is 100% dedicated to the DOE project.

N/A

5. **SUPPLIES** - Supplies are generally defined as an item with an acquisition cost of \$10,000 or less and a useful life expectancy of less than one year. Supplies are generally consumed during the project performance.

- a. List all proposed supplies below, the estimated cost, and briefly justify the need for the supplies as they apply to the objectives of the award. Note that all direct costs, including Supply items, may not be duplicative of supply costs included in the indirect pool that is the basis of the indirect rate applied for this project.

General Category	Cost	Justification of Need
Office Supplies	\$6,500.00	In order to ensure proper administration of the program the following office supplies are needed to organize client hard copy files. Pens and pencils, plus erasers; Highlighters; Permanent markers (thick and thin, black); Scissors; Paper clips (plus holder); Binder clips (various sizes); Stapler, plus staples; Tape dispenser, plus extra rolls of tape; Glue sticks; Rubber bands; Pencil sharpener; 3 hole punch; Calculator; In/Out box for paperwork; Desk drawer organizer; Envelopes; Return address labels; Sticky notes; Notepads (loose or bound, your choice); Printer paper; Printer ink/toner/cartridges; Manila file folders; Hanging file folders, plus tabs; Pocket or accordion file folders; File labels; 3 ring binders; Index dividers; Computer or laptop; Printer; External hard drive; Paper shredder; Scanner; antibacterial wipes; and Label maker.
Materials and Supplies Total	\$6,500.00	

- b. Please provide a basis of cost for each item listed above and justify need. Examples include vendor quotes, prior purchases of similar or like items, published price list, etc.

Quote is attached to the SF-424 confirming costs for supplies

6. CONTRACTS AND SUBGRANTS - Provide the following information for New proposed subrecipients and subcontractors.

For ongoing subcontractors and subrecipients, this information does not have to be restated here, if it is provided elsewhere in the application; under Name of Proposed Sub, indicate purpose of work and where additional information can be found (i.e weatherization subgrants, Annual File section IV.1).

Name of Proposed Sub	Total Cost	Basis of Cost*
DOEE	\$527,909.00	DOEE secures contracts directly with weatherization contractors to install audit-recommended energy efficiency and health & safety measures in income-eligible homes across the District of Columbia (District). Unlike most WAP grantees, DOEE performs the initial energy audits and final QCI inspections. DOEE is charged with competitively advertising and recruiting contractors to install the recommended audit measures at the cost identified. Contractors will deliver approved measures that may include, but are not limited to, air sealing to reduce air infiltration; insulation of attics and walls; heating system repairs or replacement; hot water tank and pipe insulation; installation of energy-efficient lighting and refrigerators; window and outside door repair or replacement; renewable energy systems; and mitigation of health and safety issues, including indoor air quality improvements. Because DOEE will not be working with a Subgrantee there will be no need to request funding for the Financial Audit "In accordance with 2 CFR 200.425(a)(2), only those Subgrantees expending more than \$750k in total Federal Funding annually will receive FINANCIAL AUDITS funding identified in the Grantee's SF-424a Budget." The Financial Breakdown is as follows: H & S: \$65,000.00 Program Operations: \$328,136.00 Grantee's Contractors Liability Ins: \$20,000.00 Grantee Weatherization Readiness: \$114,773.00

IT Consultant	\$82,494.00	The DOEE IT Consultant assists staff with the following tasks: Program and project management assistance •Analyze and streamline workflow calendars, budget, expiration and automated reminders. Data management and reporting •Auto-generate cover letters, scope summaries and emails from files stored to record. •Job milestone tracking, contractor assignments, job progress and audit trails •Prepare and maintain queue of clients in progress and completed •Maintain security and compliance based on role-based access, field and file permission and program audit logs. Data Migration •Assist with choosing software for programs based on cost, functionality and system integration with existing systems. Database Management •design and maintain databases that track project statuses, eligibility, secure and accurate transfer from client and project data •Maintain key data dashboards & reporting •Run daily, weekly, monthly and quarterly reports with narratives •Track funding allocation controls, leveraged funds and review funding caps and allowability guardrails •Design invoice approval flow for payment invoices with data inputs and exports to internal staff, outside contractors for Invoice submission to finance for payment approval. •ensure dates are accurate, clean up incorrect records and set controls for sensitive client information. •Train, support, develop and lead training sessions to ensure program staff can use technology, extract reporting data and address technical issues. This position is covered also by various grants: LIHEAP, WAP IIJA, Local funds.
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Contracts and Subgrants Total	\$610,403.00
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*For example, Competitive, Historical, Quote, Catalog

7. OTHER DIRECT COSTS - Other direct costs are direct cost items required for the project which do not fit clearly into other categories. These direct costs may not be duplicative of costs included in the indirect pool that is the basis of the indirect rate applied for this project. Examples are: conference fees, subscription costs, printing costs, etc.

a. Please provide a General Description, Cost and Justification of Need.

General Description	Cost	Justification of Need
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b. Please provide a basis of cost for each item listed above. Examples include vendor quotes, prior purchases of similar or like items, published price list, etc.

DOEE does not have other direct costs and utilizes leveraged funds to cover any additional costs.

8. INDIRECT COSTS

a. Are the indirect cost rates approved by a Federal agency? If so, identify the agency and date of latest rate agreement or audit and provide a copy of the rate agreement.

- b. If the above does not apply, indicate the basis for computation of rates, including the types of benefits to be provided, the rate(s) used, and the cost base for each rate. You may provide the information below or provide the calculations separately.

There are no indirect costs and no basis for computation rates.

The name and phone number of the individual responsible for negotiating the State's indirect cost rates.

Name: Olga Provotorova

Phone Number: 2026712302

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. SE0001815		2. Program/Project Title Weatherization Assistance Program	
3. Name and Address DC Department of Energy and Environment DOEE 1200 First Street NE Washington, DC 200020000		4. Program/Project Start Date 07/01/2025	
		5. Completion Date 06/30/2026	

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Federal	81.042	\$ 0.00		\$ 905,161.00		\$ 905,161.00
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 905,161.00	\$ 0.00	\$ 905,161.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) HEALTH AND SAFETY	(2) GRANTEE ADMINISTRATI ON	(3) GRANTEE T&TA	(4) PROGRAM OPERATIONS	
a. Personnel	\$ 0.00	\$ 54,010.00	\$ 70,029.00	\$ 0.00	\$ 228,412.00
b. Fringe Benefits	\$ 0.00	\$ 12,908.00	\$ 16,737.00	\$ 0.00	\$ 54,590.00
c. Travel	\$ 0.00	\$ 0.00	\$ 5,000.00	\$ 256.00	\$ 5,256.00
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
e. Supplies	\$ 0.00	\$ 500.00	\$ 0.00	\$ 0.00	\$ 6,500.00
f. Contract	\$ 65,000.00	\$ 0.00	\$ 82,494.00	\$ 328,136.00	\$ 610,403.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other Direct Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
i. Total Direct Charges	\$ 65,000.00	\$ 67,418.00	\$ 174,260.00	\$ 328,392.00	\$ 905,161.00
j. Indirect Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
k. Totals	\$ 65,000.00	\$ 67,418.00	\$ 174,260.00	\$ 328,392.00	\$ 905,161.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. SE0001815		2. Program/Project Title Weatherization Assistance Program	
3. Name and Address DC Department of Energy and Environment DOEE 1200 First Street NE Washington, DC 200020000		4. Program/Project Start Date 07/01/2025	
		5. Completion Date 06/30/2026	

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Federal Catalog No. (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.						
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 905,161.00	\$ 0.00	\$ 905,161.00

SECTION B - BUDGET CATEGORIES					
6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) LIABILITY INSURANCE	(2) FINANCIAL AUDITS	(3) Weatherization Readiness	(4) LEVERAGING	
a. Personnel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 104,373.00	\$ 228,412.00
b. Fringe Benefits	\$ 0.00	\$ 0.00	\$ 0.00	\$ 24,945.00	\$ 54,590.00
c. Travel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,256.00
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,000.00	\$ 6,500.00
f. Contract	\$ 20,000.00	\$ 0.00	\$ 114,773.00	\$ 0.00	\$ 610,403.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other Direct Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
i. Total Direct Charges	\$ 20,000.00	\$ 0.00	\$ 114,773.00	\$ 135,318.00	\$ 905,161.00
j. Indirect Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
k. Totals	\$ 20,000.00	\$ 0.00	\$ 114,773.00	\$ 135,318.00	\$ 905,161.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

U.S. Department of Energy
WEATHERIZATION ASSISTANCE PROGRAM
SUBGRANTEE INFORMATION
State: DC Grant Number: SE0001815 Program Year: 2025

Name: **DC Department of Energy and Environment**

Contact: Deborah Jones
UEI: FE9RNTYNNKN9

Address: 1200 1ST ST NE, WASHINGTON, DC.
Washington, DC 20002-0000

DUNS:
Phone: (202) 671-3346
Fax: () -
Email: deborah.jones2@dc.gov

Counties served: DISTRICT OF COLUMBIA

Tentative allocation: \$ 528,165.00

Congressional districts served: CD
DC-00

Planned units: 77

Type of organization: Unit of local government

Source of labor: Agency and Contractors

U.S. Department of Energy

Weatherization Assistance Program (WAP)

WEATHERIZATION ANNUAL FILE WORKSHEET

Grant Number: SE0001815, State: DC, Program Year: 2025

Recipient: District of Columbia

IV.1 Subgrantees

Subgrantee (City)	Planned Funds/Units
DC Department of Energy and Environment (Washington)	\$528,165.00 77
Total:	\$528,165.00 77

IV.2 WAP Production Schedule

Weatherization Plans		Units
Total Units (excluding reweatherized)		77
Reweatherized Units		0
Average Unit Costs, Units subject to DOE Project Rules		
VEHICLE & EQUIPMENT AVERAGE COST PER DWELLING UNIT (DOE RULES)		
A	Total Vehicles & Equipment (\$5,000 or more) Budget	\$0.00
B	Total Units Weatherized	77
C	Total Units Reweatherized	0
D	Total Dwelling Units to be Weatherized and Reweatherized (B + C)	77
E	Average Vehicles & Equipment Acquisition Cost per Unit (A divided by D)	\$0.00
AVERAGE COST PER DWELLING UNIT (DOE RULES)		
F	Total Funds for Program Operations	\$328,392.00
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)	77
H	Average Program Operations Costs per Unit (F divided by G)	\$4,264.83
I	Average Vehicles & Equipment Acquisition Cost per Unit (from line E)	\$0.00
J	Total Average Cost per Dwelling (H plus I)	\$4,264.83

IV.3 Energy Savings

Method used to calculate savings: <input checked="" type="checkbox"/> WAP algorithm <input type="checkbox"/> Other (describe below)				
		Units	Savings Calculator (MBtus)	Energy Savings
This Year Estimate		77	29.3	2256
Prior Year Estimate		78	29.3	2285
Prior Year Actual		37	29.3	1084
Method used to calculate savings description:				
<div></div>				

IV.4 DOE-Funded Leveraging Activities

For the past two decades, the US DOE has strongly encouraged subgrantees administering WAP to be innovative in attracting other resources into the program. In FY25 we implemented best practices in self-administering WAP to enhance the overall quality and efficiency of the program. This includes using trusted internal employees, ensuring proper training and supervision, maintaining open communication with all team members, and selecting experienced contractors. We are considering multiple factors and are applying best practices, as we successfully transition from using subgrantees to self-administering work, ultimately improving our operational efficiency and increase customer satisfaction.

The goal of the leveraging initiative is to maximize the number of low-income households that can be served and/or install additional cost-effective measures. Like

U.S. Department of Energy
Weatherization Assistance Program (WAP)
WEATHERIZATION ANNUAL FILE WORKSHEET
Grant Number: SE0001815, **State:** DC, **Program Year:** 2025
Recipient: District of Columbia

many WAP programs, DOEE uses a combination of federal funds (e.g., WAP funds, Low-Income Home Energy Assistance Program (LIHEAP) funds, and Community Development Block Grant Program (CDBG)) and nonfederal funds (e.g., utility investments from systems benefit charges or efficiency programs, state funds from special set-asides, other rehabilitation funds, private funds from landlord contributions or foundations, and other private sources) to accomplish the scope of work on a building.

DOEE is aware of the limited amount of funding we receive from US DOE; however, we have made every attempt to maximize those funds by obtaining funds from other resources.

- In FY17, DOEE was able to secure \$1.7M to address remaining measures at a DC Housing Authority property that focused on baseload measures (window air conditioning units, straps for the units to address egress requirements, and window replacement). DOEE was also able to leverage \$1M in local renewable energy development funding (REDF) to prepare the roof at a DC Housing Authority property for solar PV installation.
- In FY18, DOEE was able to offset the costs for heating systems by receiving \$6,000 in rebates from DC SEU, \$1,000 in donations from Community Forklift to address measures not funded by US DOE and LIHEAP, \$100,000 from DHCD to address health and safety measures in two clients' homes, \$400,000 in local REDF to install a solar PV system at a District of Columbia Housing Authority property, and \$1,000 in plumbing work from a local plumber.
- In FY19, through our partnership with Community Forklift, DOEE was able to address clients that previously would have been deferred due to clutter and missing drywall. DOEE created partnerships with local nonprofits that provided the following services to weatherization clients at no cost to the program: clutter removal, mold remediation, stormwater management, and lead abatement.
- In FY20, DOEE continued its partnership with DC SEU, DHCD, Community Forklift's Home Essentials Program, and Yachad's Single Family Home Repair Program. DOEE has leveraged over \$200,000 in heating system installations in four multifamily buildings; addressed health and safety measures in a multifamily building and leveraged over \$60,000 to address rehab work and materials for clients that would have been deferred otherwise. The second item is to develop a partnership with the Department of Aging and Community Living (DACL) DOEE expended over \$250,000.00 installing window air conditioning units in single family dwellings occupied by seniors (60 and older). The third item is that DOEE received over \$3 million in funding to address lead-based hazards in households occupied with children under 5 and expectant mothers. These funds will also be used to address previously deferred weatherization clients that meet program requirements so we can address the lead hazards while installing audit-recommended energy efficiency measures.
- In FY21, DOEE has leveraged \$189,033.00 from Washington Gas Light Company to install higher efficiency gas appliances in low-income residences receiving weatherization service and \$600,000.00 from the District's Sustainable Energy Trust Fund (SETF) to address audit-recommended baseload measures in single-family dwellings and as part of the District's Clean Energy Omnibus Act which requires that a certain amount of funding be set aside for low-to-moderate income households.
- In FY22, DOEE leveraged \$446,000.000; \$3.7 million in ARP - Dept. of Treasury funding to enhance weatherization services provided to clients (roof replacement, gutters, integrated pest management, and other health and safety work); \$4 million in ARP - Dept. Of Treasury funding to address lead, mold, and asbestos; and \$980K in LIHEAP-ARP funding to address additional health and safety measures in low-income dwellings.
- In FY23, DOEE leveraged \$4 million ARP - Dept. of Treasury funding to enhance weatherization services provided to clients (roof replacement, gutters, integrated pest management, and other health and safety work); \$4 million in ARP Dept. of Treasury funding to address lead, mold, and asbestos; \$300K in Washington gas utility funds to offset the cost for gas emitting appliance replacement; and HUD funding to address identified lead-based paint hazards in households where a child 5 and under resides.
- In FY24 clients that were income eligible were also covered under our LEAD Remediation Program funded by HUD or wrap-around support services using ARPA Local Funding.
- In FY25 through the Healthy, Green and Affordable Housing (D.C. HGA Housing) program, NHT and partners will implement decarbonization and healthy housing upgrades in more than 700 homes in Washington D.C. multifamily affordable housing with high rates of children with asthma. Through an integrated approach that combines resident engagement, technical assistance for property owners, workforce development opportunities and collaborative community partnerships, the program will remediate unhealthy indoor air quality issues, reduce greenhouse gas emissions and improve energy efficiency while preserving rental affordability for residents.
- Our goal in FY26 is to focus on program design and administration, specifically developing a program model that integrates blended or braided funding sources. The initiative involved creating a detailed scope of work that itemized weatherization measures and assigned a respective funding source to each, documented in a Funding Source Allocation (FSA) format. This approach enhanced clarity in funding distribution, compliance, and reporting, while also improving audit transparency by explicitly documenting funding per measure. The project was supported by internal staff from the Department of Energy and Environment's Weatherization program and leveraged contributions from an IT consultant who developed a cloud-based solution, a WAP auditor who generated scope and funding assignments, and a QCI inspector who ensured project integrity and closure. Plan to complete successfully in FY25 (July 1, 2024 – June 30, 2025), the project may result in increased federal audit compliance, maximized funding impact through targeted allocations, and improved overall program efficiency and resident satisfaction.

IV.5 Policy Advisory Council Members

☐ Check if an existing state council or commission serves in this category and add name below

Delmonica Glaze	Type of organization: Other Contact Name: Phone: 7034021435 Email: steaks.n.donuts@gmail.com
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WEATHERIZATION ANNUAL FILE WORKSHEET
Grant Number: SE0001815, **State:** DC, **Program Year:** 2025
Recipient: District of Columbia

Gene Solon	Type of organization: Other Contact Name: Phone: 2024841184 Email: genesolon@comcast.net
Jason Reott	Type of organization: Other Contact Name: Phone: 3048909545 Email: jasonreott@gmail.com
Laura O'Connell	Type of organization: Other Contact Name: Phone: 9415442091 Email: laura.r.oconnell7@gmail.com
Margaret Moskowitz	Type of organization: Local agency Contact Name: Phone: 2406060682 Email: mmoskowitz@psc.dc.gov

IV.6 State Plan Hearings (Note: attach notes and transcripts to the SF-424)

Date Held	Newspapers that publicized the hearings and the dates the notice ran
09/15/2025	Virtual Public Hearing through Webex on September 15, 2025. State Plan was also made available on our agency website for the public to view and provide comment. https://doee.dc.gov/service/wap

IV.7 Miscellaneous

Recipient Business Officer

Richard Jackson, Director
1200 First Street NE, 5th Floor
Washington, DC 20002
(202) 535-2600 Office
Richard.Jackson2@dc.gov

Principal Investigator

Lisa Mae Crawford, Associate Director
1200 First Street NE, 3rd Floor
Washington, DC 20002
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Based on our interpretation of the original American Customer Satisfaction Index, DOEE implemented changes to key areas of improvement, such as requiring 100% in progress inspections, not only to check the quality of the work performed, but to analyze if contractor personnel have the equipment and certifications to perform the work based on the DOEE-approved Field Guide, which incorporates the SWS.

The most recent annual T&TA was submitted on 5/22/2024.

The Annual Historic Preservation Report was submitted on 9/9/2025.

The Weatherization Assistance Program, Weatherization Readiness Fund Work Plan was approved with the PY 2024 State Plan.

Beginning July 1, 2023, DOEE utilized the Deferral Classification Guide and Tracker Template to track deferrals and report to US DOE as part of our PY 2022 T&TA, Monitoring and Leveraging Report and is currently being utilized for all subsequent, which included PY 2023 and currently PY 2024.

Public Advisory Council

We have no history on file for the Public Advisory Council (PAC) for the last two years, due to administration and management changes. However, we plan on conducting a PAC meet and greet to regain and acquaint them with the program and all the changes and issues we have acquired. We will work to define PAC members' roles, foster communication, propose changes, share new program updates and gather suggestions on further engagement with the group. DOEE will encourage regular meetings and input through surveys, calls and face-to-face meetings.

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This worksheet should be completed as specified in Section III of the Weatherization Assistance Program Application Package.

V.1 Eligibility

V.1.1 Approach to Determining Client Eligibility

Provide a description of the definition of income used to determine eligibility

The Department of Energy and Environment (DOEE) define low-income households as those whose occupants have a current gross income at or below 200% of the Federal Poverty Level or 60% of the District of Columbia's (District's) median income, whichever is higher, as determined under the Weatherization Assistance Program (WAP) eligibility guidelines.

Describe what household eligibility basis will be used in the Program

DOEE will weatherize dwelling units whose occupants are income eligible as described above. Applicants who do not meet the income guidelines may receive weatherization assistance if an occupant(s) within the household receives Social Security Income and/or Temporary Assistance to Needy Families. In addition, if the dwelling unit has been approved for the United States Department of Housing and Urban Development (HUD) Lead Hazard Reduction Program the dwelling unit is also eligible for the Weatherization Assistance Program in accordance with WPN 22-5.

Program applicants must provide proof of income for all household members, which may include: a recent payroll stub or other proof that shows current gross income for the last 30 days and is valid within the last 90 days (e.g., documentation showing income from the Social Security Administration, unemployment insurance, pension funds, disability) and most recent bank statements for all household members receiving any form of income; proof of current address (e.g., rent receipt, lease or deed, property tax bill); proof of total members living in the household (e.g., birth certificates, school records) and most recent mortgage statement or deed (when applicable); Social Security Card (or documents with Social Security Number, such as a pay stub or birth certificate; or for qualified aliens documents with an alien number such as a permanent resident card) for all persons living in the household; proof of U.S. Citizenship or permanent residence; proof of active homeowner's insurance policy; and valid photo identification. These requirements are utilized for single and multifamily dwellings. Application eligibility expires 12 months from the certification date if work on the dwelling unit (energy audit) has not been initiated.

Describe the process for ensuring qualified aliens are eligible for weatherization benefits

The process of determining eligibility for weatherization services begins with clients submitting the necessary documentation to confirm household composition, household income, and sources of income received. DOEE follows Federal requirements and ensures that services are provided only to U.S. citizens or qualified aliens.

"Qualified aliens" are defined in Section 431 of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996 (PRWORA), commonly known as the welfare reform law. The PRWORA covers the larger groups of legal immigrants (legal permanent residents, refugees, asylees, individuals paroled into the U.S. for at least one year, individuals whose deportation has been withheld, individuals granted conditional entry, and certain individuals who are victims of domestic abuse). Qualified aliens are eligible to receive assistance and services, so long as they can provide the following documents: photo identification, proof of Social Security number or alien number, proof of household income, and utility bills.

DOEE's services are in full compliance with Federal provisions related to verification of qualified alien status. DOEE's procedures for verifying applicants' U.S. citizenship or immigration status are in accordance with the United States Department of Justice's (US DOJ) Interim Guidance on Verification of Citizenship, Qualified Alien Status and Eligibility under Title IV of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, published November 17, 1997 (62 FR 61344).

V.1.2 Approach to Determining Building Eligibility

Procedures to determine that units weatherized have eligibility documentation

Upon the certification of the applicant's income and/or categorical eligibility, home ownership is then verified through the District of Columbia's Office of the Chief Financial Officer's (OCFO) Real Property Tax Database. The applicant's address has also been researched to determine if the property is classified as historic through the District's Office of Planning Property Quest Database. If the applicant resides in a rental property before DOEE conducts an energy audit, the property owner is contacted to execute a landlord agreement for multifamily dwellings and for single-family dwellings; they are contacted to verify their signature on the weatherization application.

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Prior to the energy audit the weatherization staff verify if the household received weatherization services in the past 15 years. In those instances where the household has received services, DOEE counts those as part of our re-weatherization number. The DOEE BPI-certified Energy Auditor then documents the previous work performed and ensures that we only address missed opportunities or measures identified through the new energy audit.

Eligibility Guidelines:

- Household income verification and Weatherization Assistance Program (WAP) eligibility must be documented in the client's file.
- Eligibility is valid for 12 months from the certification date.
- If no work (such as an energy audit) has started within that 12-month window, the eligibility expires and would need to be re-evaluated.

For multifamily dwellings, eligibility is determined as follows:

- 2-4 unit dwellings only require 50% of the tenants to meet income requirements
- 5+ unit dwellings require 66% of the tenants to meet income requirements

Only in instances where the installation of the energy efficiency retrofits will obtain significant energy savings which are defined as a reduction of their base, heating, and cooling loads by 60% thru 80% reduction, the program will deem the building income eligible as long as 50% of the residents meet the income requirements.

In addition, income-qualified public housing, assisted housing, LIHTC, and USDA subsidized properties may be eligible recipients of WAP funds. The rule does not, however, require Grantees or local WAP service providers to set aside WAP funds for these properties. The Grantee and/or the local service provider retain the authority to set priorities for the use of WAP funds in their service areas. Also, public housing, assisted housing, LIHTC, and USDA subsidized buildings that do not appear on the HUD lists or USDA records may still qualify for the WAP. The WAP Grantee that implements the Program can determine income eligibility based on information supplied by property owners and tenants. We will refer to WPN 22-5, Expansion of Client Eligibility in the Weatherization Assistance Program for requirements to document income eligibility for these other buildings.

DOEE strictly follows current U.S. DOE guidance in determining the eligibility of multifamily buildings for weatherization.

Describe Reweatherization compliance

Section 1011(h) of the Energy Act of 2020 amended 42 U.S. Code § 6865(c)(2) and removed the reweatherization date of September 30, 1994 to create a 'rolling' option. Dwelling units weatherized (including dwelling units partially weatherized) under this part, or under other Federal programs (in this paragraph referred to as 'previous weatherization'), may not receive further financial assistance for weatherization under this part until the date that is 15 years after the date such previous weatherization was completed. This paragraph does not preclude dwelling units that have received previous weatherization from receiving assistance and services (including the provision of information and education to assist with energy management and evaluation of the effectiveness of installed weatherization materials) other than weatherization under this part or under other Federal programs, or from receiving non-Federal assistance for weatherization.

Re-weatherization is also allowed under 10 CFR 440.18(f)(2)(ii) if a "dwelling unit has been damaged by fire, flood, or act of God and repair of the damage to weatherization materials is not paid for by insurance."

Applicants for the Weatherization Assistance Program are vetted by DOEE to ensure that inappropriate re-weatherization does not happen, to be expanded to other Federal programs that provide 'weatherization' activities. When the customer is contacted to schedule an energy audit: (a) they are asked if they have ever received services from DOEE or any other government entity; and (b) their address is matched in the DOEE weatherization database.

All units to be re-weatherized must have income and building eligibility prior to any work.

Describe what structures are eligible for weatherization

Only single and multifamily dwellings are eligible for weatherization assistance using U.S. DOE funding. DOEE exercises caution in dealing with nontraditional type dwelling units such as shelters, and apartments located over businesses to ensure that they meet program eligibility requirements. In a case in which DOEE determines that such a unit is eligible for weatherization, a request for approval will be sent to the U.S. DOE Project Officer before commencing weatherization activities.

In a case in which DOEE is aware of pending redevelopment, potential foreclosure, probate issues, or sale of property, the dwelling(s) will not be weatherized. To determine the timeframe, we will determine the payback for each measure. For example, if a measure has an SIR of 1 or more and the lifetime of the measure is eight years; we will not address the property if it is slated for redevelopment within that timeframe.

DOEE will adhere to the restrictions of the Historic Preservation Programmatic Agreement (PA) with the DC State Historic Preservation and U.S. DOE executed on November 6, 2020. (See Attachments)

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Describe how Rental Units/Multifamily Buildings will be addressed

DOEE follows 10 CFR 440.22 when addressing rental units and multifamily buildings. DOEE strictly follows U.S. DOE requirements of WPN 22-5 in determining the eligibility of multifamily buildings for weatherization.

Multifamily buildings must also have an agreement in place that prevents management from raising rents for at least two years based solely on the increased value of the dwelling unit(s) due to the WAP improvements. Owners of rental dwelling units are required to make a minimum contribution of 1% to 10% of the total expected costs for the installation of audit-recommended measures. If leveraged funding is not available, owners are required to buy down any recommended measures to be installed from the audit that do not have a Savings to Investment Ratio of at least 1. The required owner contribution can be funds allocated for additional weatherization services or proof of significant weatherization investment within the past year.

In cases where single-family dwelling units are occupied by renters, the renter must meet the eligibility requirements before weatherization work can commence. The owner of the dwelling unit must enter into an agreement that prevents raising rents based solely on WAP improvements.

If a client or applicant contacts DOEE directly to appeal their application denial the following procedures will take place. DOEE will:

1. Log the client complaint on a client complaint form; and
2. Schedule a site visit and/or obtain necessary documentation pertaining to the complaint from the client

If DOEE personnel cannot resolve the client complaint, the applicant is provided with the following information to start a secondary appeal process.

If a client disagrees with DOEE's decision on their WAP application, they may appeal the decision by requesting a fair hearing at "OAH", the District's Office of Administrative Hearings. The client requests a hearing within 90 calendar days of the date on the attached letter or lose their right to appeal. The client can ask for the hearing in any one of these ways:

1. Call 311 and ask for a fair hearing at the Office of Administrative Hearings, OAH.
2. Write the following address to ask for a fair hearing: OAH - LIHEAP Appeal, 441 4th Street, N.W., Suite 450 North, Washington, D.C. 20001.
3. Visit OAH's office at: 441 4th Street, N.W., Suite 450 North, Washington, D.C. 2000, in person and fill out a form requesting a fair hearing.

Hearings: The client has the right to be represented by legal counsel or by a lay person who is not an employee of the District at their hearing. They can ask for free legal services that might be available. They may bring witnesses. The District will pay reasonable expenses related to the hearing, such as transportation costs for the client and their witnesses.

Interpreter: If the client or a witness is deaf or have problems reading, writing, or understanding English, they can ask OAH to provide an interpreter.

Reasons to appeal your WAP decision: The client might appeal for one or more of these reasons: (1) DOEE denied their application without providing a reasonable explanation; or (2) their LIHEAP application was denied based on inaccurate information.

Describe the deferral Process

Per Weatherization Program Notice 22-7, units are deferred on a case-by-case basis. Reasons for deferral are identified at the time of the energy audit, or before weatherization work commences. If an item(s) listed on the DOEE Deferral Form (See Attachments) is noticed before work begins, the client is not allowed to receive any measures from WAP until they address the issue. In addition to DOEE will perform an extensive walk-through of each home to avoid work taking place in a dwelling with deferral concerns.

Deferred clients will receive the DOEE Deferral Form which includes: an explanation of the nature of the deferral including photographic documentation when possible; the client's name and address; contact information for an appeal of the deferral decision; date of the audit/assessment; the date when the client was informed of the potential health and safety issues; and the signature of the Energy Auditor who conducted the audit. The client's signature is also required to indicate that the client understands his or her rights and options.

A copy of the deferral decision is given to the client, and another copy is placed in DOEE's client file. Once the client has resolved the deferral issues, they are eligible to reapply for the Weatherization Assistance Program, and a second site visit is conducted to verify compliance.

In a case in which DOEE is aware of pending redevelopment, the dwelling will not be weatherized. To determine the timeframe, we will determine the payback for each measure. For example, if a measure has an SIR of 1 or more and the lifetime of the measure is eight years; we will not address the property if it is slated for redevelopment within that time frame.

Due to Weatherization Readiness Funding (WRF) that addresses hazards in low-income dwellings, DOEE believes the number of clients deferred will be

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decreased.

DC's DOEE PY25 Weatherization Assistance Program allocates funds directly to contractors for both WAP and WRF, focusing on improving energy efficiency in low-income households. Key initiatives include the following: roof repair, wall repair (interior or exterior), ceiling repair, floor repair, foundation or subbase repair, exterior drainage repairs (e.g., landscaping or gutters), plumbing repairs, electrical repair, clean-up or remediation beyond typical scope of WAP, and we may add additional repairs as needed. We currently hold a HUD grant that covers the following: Lead paint, asbestos (confirmed or suspected, including vermiculite), mold and/or moisture, and if customers qualify (HUD has an additional qualification process) therefore, we allow our contractors to put customers in both programs not to exhaust all of the WRF and allow us to use our WRF to service more customers. **WAP infrastructure and local funding will be leveraged for PY25 projects until June 30, 2026. We will utilize WRF for FY26 jobs to prepare properties that may have needed deferrals, and this will coincide with the regular WAP funding and will be done within the same grant cycle.**

In our WRF plan our funds are distributed per our selection process for our customers who apply to general WAP and many of these clients may have to be deferred, but we used the WRF to keep them in the program and offering services that are listed in WPN 23-4. So, there is no prioritizing except that if they are deferred, we reevaluate the cost and add those additional services. There is no difference in the monitoring process **that we do as the Grantee for the WRF**, except there may be an additional permit process for some of the work from our District licensing department.

DOEE utilizes the readiness funds to offset some of the costs to make the homes Weatherization Ready, not to exceed an average cost of \$15,000 per unit is our limit for FY26.

V.1.3 Definition of Children

Definition of children (below age): **18**

V.1.4 Approach to Tribal Organizations

☐ Recommend tribal organization(s) be treated as local applicant?

If YES, Recommendation. If NO, Statement that assistance to low-income tribe members and other low-income persons is equal.

The District of Columbia has no recognized tribal organizations.

V.2 Selection of Areas to Be Served

The entire District of Columbia will be served. Eligible properties and residents will receive assistance regardless of location within the District of Columbia.

V.3 Priorities

At this time, DOEE operates using prioritization list with associated point system, DOEE gives preference to households with any one of the following:

- High residential energy usage, (5 points)
- High energy burden, (4 points)
- Member(s) over 60 years of age, (3 points)
- Member(s) with a disability, (2 points), and
- Child(ren) under age 18, (1 point)

Additional documentation may be requested prior to the energy assessment to confirm priority.

V.4 Climatic Conditions

In the District, temperature extremes range from 24+ degrees Fahrenheit to 97 degrees Fahrenheit. There were 5,375 degree days in the District, made up of 3,546

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heating degree days and 1,829 cooling degree days.

On average, **Washington D.C.** residents spend about **\$166 per month** on electricity before Weatherization. That adds up to **\$1,992 per year**. Source: [Electricity Cost in Washington D.C.: 2025 Electric Rates | EnergySage](#)

The energy savings on fuel in the Washington, DC area for customers in WAP for the summer months is significant because of the 97 degrees for over 24+ days and customers achieve higher energy reductions compared to other areas that have cooler outdoor temperatures. So, on average our customers save about 29.3 percentage of MBTU's per household with our overall total of savings about 2,256 MBTU overall for our 77 customers.

The source of this climate data is the National Oceanic and Atmospheric Administration. (See Attachments)

V.5 Type of Weatherization Work to Be Done

V.5.1 Technical Guides and Materials

DOEE conducts energy audits using a U.S. DOE approved audit tool in eligible dwellings participating in WAP. After the audit is completed, DOEE prepares and assigns the work order to a contractor. The contractor begins the Quality Control Inspection Process by conducting a visual inspection to ensure conformity with the work order. The contractor reviews the work order, and in collaboration with DOEE Quality Control Inspector (QCI), they monitor work in progress ensuring OSHA, lead safe, and other requirements are being met. Once the work is completed; the contractor conducts an inspection and submits supporting documentation to DOEE stating the property is ready for QCI inspection. The DOEE QCI conducts the inspection and documents whether it is a PASS or FAIL based on the Standard Work Specifications (SWS) guidance. This information is submitted to the contractor for rework or approval to bill based on the outcome of the QCI. At the end of each quarter, an assessment will be made by the Program Manager and QCI to determine if additional training is needed based on the failure rate.

Some of the primary measures to be considered are:

- Air sealing infiltration reduction – infiltration reduction addresses air and heat movement between heated and unheated areas by applying such measures as caulking, foam sealant, insulation, weather-stripping to primary doors and windows, sealing of baseboards, correction of leaks in HVAC duct systems, and other materials as necessary to seal the envelope penetrations of the dwelling.
- Attic insulation and venting - attics will be insulated to R49 if the SIR is equal to or greater than 1. Attics that are insulated must have a dam installed and be vented according to the District's Weatherization Field Guide.
- Heating system efficiency improvements - HVAC systems are to be tuned up, as needed, to improve efficiency and indoor air quality. Should a dangerous health or safety condition exist as determined by a DOEE inspector with HVAC expertise, replacement rather than repair may be deemed necessary. In other cases, if age and condition of the system warrant, replacement rather than repair will be considered via a cost/benefit analysis. Whenever possible, 90+ heating units and a minimum of 16 SEER central air conditioners are installed.
- Insulation of domestic water heater - domestic hot water heaters will be insulated if required, and the hot water pipes extending from the water heater will be wrapped for a distance of at least six feet from the water heater, or, if exposed, the entire hot water line.
- Basement/floor/crawl space insulation - unheated basements will be insulated to R19. A vapor barrier will be installed where needed. Adequate ventilation will be provided for insulated basements and crawl spaces. For insulated basements within the building envelope, ventilation should be to the interior of the structure and not outside the envelope.
- Pipe and duct wrap - hot water pipes and hot air heating ducts located in unconditioned areas will be insulated.
- Storm windows – the installation of storm windows on primary windows between heated and unheated areas will be considered.
- Refrigerators - the National Energy Audit Tool (NEAT) includes a refrigerator replacement measure. NEAT can evaluate the potential savings obtained from replacing the existing refrigerator with a newer, more efficient unit. We will use the NEAT as our auditing tool and EPA guidelines for Energy Star Appliances to recommend refrigerator replacement. When refrigerators are replaced, grantee must provide a decommissioning certificate as evidence of proper disposal of the existing refrigerator. Replacement of through-the-door icemaker refrigerators or standalone freezers is considered.
- Central air conditioners – Air conditioners rated at 16 SEER or higher may be installed. New air conditioners use 30-50% less energy to produce the same amount of cooling as air conditioners made in the 1970s would. Even if the air conditioner is only ten years old, a customer could save 20-40% of cooling energy cost with a newer, more efficient model. This measure may also be considered under Health & Safety measures.
- Water heater replacement - the NEAT will evaluate the cost-effectiveness of replacing an existing water heater with a higher efficiency model. This measure may also be considered under Health & Safety measures.
- Lighting – new LED lighting systems will be considered. The use of new lighting technology can reduce the lighting energy use in homes by 50-75%.

The work covered by WAP will be performed as needed in homes that are otherwise in sound repair. In some cases, extreme conditions exist (such as roof deterioration or plumbing-related failures in heating distribution systems) which must be corrected before the U.S. DOE-funded measures can be justified.

Per 10 CFR 440.18(d)(11) and 440.20, low-cost/no-cost weatherization materials may be distributed to eligible clients. These measures are intended to be installed

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by clients and serve them until such time that regular WAP weatherization measures can be installed by contractors.

All completed work will comply with: DOEE's U.S. DOE approved energy audit tool, Appendix A, DOEE's weatherization field guide, the Standard Work Specifications (SWS), and any/all other applicable federal or state requirements. All contractors will receive a copy of the DOEE Field Guide titled Standard Work Specifications Field Guide for Single-Family Homes (Guide) during the annual Energy Kickoff Meeting. Contractors must follow the Guide's weatherization standards when installing an energy efficiency measure which incorporates the SWS of U.S. DOE's Weatherization Program Notice (WPN) 22-4. Contractors will acknowledge receipt of the Guide and agree to provide a copy to their subcontractors and inhouse crews before they begin any weatherization work.

During the monitoring visit, contractors are required to submit to DOEE a copy of their subcontractors and vendor agreements to ensure contractors are aware and in compliance with U.S. DOE technical requirements and specifications of work. Work orders for the single and multifamily dwellings incorporate the SWS for each measure.

DOEE provides contractors with the technical requirements for fieldwork including audits and testing; installation of energy conservation; incidental repair, and health and safety measures; and final inspections. The contractor confirms receipt of those requirements and provides follow-up and clarification upon request. The contractor provides the same documentation to all contractors, subcontractors, and inhouse personnel performing tasks in the Weatherization Assistance Program.

DOEE verifies that the technical requirements are communicated, and the specifications for work to be inspected will be referenced in contractor contracts. Contractors hired will have agreements that include the same technical requirements referenced above. The work of the contractors and subcontractor are required to be consistent with the DOEE and U.S. DOE standards and field guides.

The signed contracts must be submitted to DOEE during or before DOEE management's semiannual monitoring visits to each contractor to ensure DOEE's continued compliance with the U.S. DOE's Program Year 2025 requirements.

DOEE energy audit tools and field guides expire 01/12/2026, and we are currently in the process of preparing to submit a new application for upcoming years that will not expire until 2031.

Field guide types approval dates

Single-Family: 1/12/2021
Manufactured Housing:
Multi-Family: 1/12/2021

V.5.2 Energy Audit Procedures

Audit Procedures and Dates Most Recently Approved by DOE

Audit Procedure: Single-Family

Audit Name: NEAT

Approval Date: 1/12/2021

Audit Procedure: Manufactured Housing

Audit Name:

Approval Date:

Audit Procedure: Multi-Family

Audit Name: TREAT

Approval Date: 1/12/2021

Comments

A U.S. DOE-approved audit will be conducted on each eligible dwelling by a qualified DOEE energy auditor. National Energy Auditing Tool (NEAT) audits are completed for all single-family dwellings. The audit recommended measures are prioritized according to Savings to Investment Ratio (SIR) rankings. DOEE's QCI inspector also conducts in-progress inspections to ensure measures installed are done in sequential order; Health and Safety, Air Sealing and Insulation, General Heat Waste and Baseload, etc.

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The audit process includes a pre- and post-blower door reading and ensures that every participating home is given the best possible recommendations for energy conservation. DOEE ensures that each energy audit meets U.S. DOE guidelines and is performed by a qualified energy auditor. The purpose of the audit is to determine the most cost-effective energy-saving measures for each dwelling unit. Targeted Retrofit Energy Analysis Tool (TREAT) audits are completed for all multifamily buildings with five or more units. Audit-recommended measures are prioritized according to SIR rankings.

Both NEAT and TREAT were approved on 01/12/2021. This will expire in 2026 (5-year term)

V.5.3 Final Inspection

U.S. DOE requires that every dwelling unit receives a final inspection before being reported as a completed unit. U.S. DOE also requested (per Weatherization Program Notice 22-4) that by the beginning of the U.S. DOE 2015 Program Year, all units reported to U.S. DOE as completed will have been inspected to ensure compliance with the specifications outlined in the Standard Work Specifications (SWS), and all quality control inspections, including final inspections and monitoring inspections, must be conducted and signed off on by a Building Performance Institute (BPI) certified Quality Control Inspector (QCI).

DOEE's program operates differently than other jurisdictions/states. A DOEE BPI-certified Energy Auditor conducts the initial audit while the contractor conducts a pre-inspection prior to commencing work to ensure all possible energy efficiency retrofits have been identified. Based on this pre-inspection if there are no additional retrofits

the contractor completes the work or identifies and assigns subcontractors to complete the work. DOEE will notify the contractor that an in-progress inspection can be conducted. The purpose of the in-progress inspection is to confirm that the contractor is installing measures in sequential order and are complying with all Occupational Safety and Health Administration (OSHA) and Lead Safe Work Practices.

Contractors must provide DOEE with a work schedule to ensure that the following quality control objectives and job tasks are accomplished during DOEE's in-progress inspections:

- Domain I: Conducting Quality Checks in Process Visual/Sensory Inspections
 - Task 1: Verify worker compliance with safety rules
 - Task 2: Assure employee professionalism
 - Task 3: Address work problems
 - Task 4: Evaluate client satisfaction regarding the in-process work
- Domain II: Conducting Quality Checks Post Work Visual/Sensory Inspection
 - Task 1: Review client file and the work scope
 - Task 2: Perform an exterior and interior visual/sensory inspection
 - Task 3: Evaluate customer satisfaction
 - Task 4: Determine pass/fail of the work
- Domain III: Conducting Quality Checks Post Work Diagnostic Inspections
 - Task 1: Conduct health and safety tests
 - Task 2: Conduct diagnostic tests
 - Task 3: Identify work problems
- Domain IV: Ensuring Worker Professionalism
 - Task 1: Perform spot checks
 - Task 2: Provide feedback regarding professionalism
- Domain V: Ensuring Program or Project Compliance
 - Task 1: Maintain professional credentials
 - Task 2: Confirm the allocation of public/private funds
 - Task 3: Evaluate installed measures against the field guide, SWS, and state/local codes
 - Task 4: Close out the project
 - Task 5: Maintain files and records

Once the project is completed in its entirety, the contractor conducts a Final Inspection and uploads all necessary documentation in QuickBase for DOEE to review. DOEE is charged with client education and conducts an in-person Final Inspection once all documentation is received. If all work meets DOEE standards, a PASS Final QCI inspection report is generated, and the contractor receives an email approving payment to the contractor. The contractor then they will upload an invoice requesting payment for services rendered. This is reviewed by DOEE's Quality Assurance Person and if all documentation meets DOEE requirements, a QA form is completed, and the payment request is approved.

As part of DOEE's agreement with the contractor, they are required to ensure that they adhere to the guidance as outlined in the U.S. DOE approved Field Guide and SWS Alignment and attend required training as outlined on the training plan.

Quality Assurance Inspection Corrective Plan

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When a QA inspection reveals failure in QCI standards, DOEE will follow a progressive correction process. While correction actions may vary, each will result in the following steps:

- **First Failure:** Any issue that is identified will trigger an email to the contractor that outlines the deficiency and references the specific guidelines in the DOEE Field Guide and SWS. T&TA is required to address the specific issue. The correction will be verified and documented in our QuickBase system.
- **Second Failure:** A warning letter which risks dismissal from the program will be sent to the contractor. T&TA is required to address the specific issue, and correction verification will be made onsite. The corrections will be documented in QuickBase.
- **Third Failure:** Results in dismissal as a contractor in our program and a final letter will be provided. An alert will occur in QuickBase when trying to select the Contractor for new or additional work.

Quality Control Inspection Corrective Plan

When a quality control inspector (QCI) reveals failure in QCI standards, for bad inspections, we first identify the problem through documented evidence, then take immediate action to address the immediate issues, such as having the inspector re-inspect or re-work the properties. For long-term solutions, implement a Corrective Action Report process, provide immediate and direct feedback, and focus on training and a quality management system to prevent future failures.

Immediate actions

- **Isolate failed materials:** Prevent the use of any failed materials in production.
- **Re-inspect or rework:** Have the QCI re-inspect or rework the goods depending on the issue. If the problem is minor and easily corrected, a re-inspection may be appropriate.

Long-term solutions

- **Request a Corrective Action Plan** that requires the inspector to identify the problem, its cause, and a clear solution with a schedule for implementation.
- **Provide immediate feedback:** Offer direct, immediate, and specific feedback on the inspection errors. Document the feedback and the QCI's response.
- **Invest in training:** Ensure inspectors have the necessary training and authority to make decisions. Invest in ongoing professional development for the QCI team.
- **Implement a Quality Control Plan:** Establish a comprehensive quality plan that includes standardized procedures, detailed inspection reports, and a process for continuous improvement.
- **Update performance records:** Adjust the QCI's performance record and reassess their suitability for future assignments based on the inspection results.
- **Conduct root cause analysis:** When a failure occurs, conduct a root cause analysis to understand the fundamental reasons behind the mistake and implement preventative measures.
- **Monitor and improve:** Continuously monitor the inspection process and make necessary updates to minimize the risk of future failures.

V.6 Weatherization Analysis of Effectiveness

Since the inception of the Weatherization Assistance Program, DOEE has utilized contractors to weatherize over 10,000 dwelling units in the District of Columbia. Contractors have played an integral part in the success of the weatherization program due to their many years of experience in residential energy efficiency improvement.

To keep an updated evaluation of each contractor, DOEE utilizes QuickBase to monitor:

1. Number of homes completed,
2. Number of applications pending,
3. Number of homes in progress,
4. Contract amount,
5. Total funds expended,
6. Balance of funds, and
7. Special comments.

DOEE currently maintains the monitoring files, which include all the subcontracts and related information from which staff can obtain a current and complete financial picture.

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Contractor performance is reviewed both periodically and at the end of the program year. In addition, we conduct weekly conference calls beginning in the third quarter to ensure program timelines are met.

DOEE, through the Energy Efficiency and Conservation Branch (EECB), places great emphasis on ensuring that the Weatherization Assistance Program is effective and efficient at all levels. DOEE conducts training and monitoring activities on an ongoing basis to evaluate contractors' procedures, quality of work, and overall program management. Through this process, DOEE can adequately assess the training needs of contractors' staff and subcontractors.

DOEE requires contractors and their contractors to attend U.S. DOE conferences and trainings, and WAP-run management and customer education training. The contractor must prove and maintain the supporting documentation that all field workers have successfully completed the required training as outlined in our Grant Award Documents.

In an effort to monitor the work being completed by the subcontractors, EECB staff conduct in-progress inspections for all program participants, ensuring work is completed by certified/qualified staff, work is completed in sequential order, and clients are aware of the weatherization measures received.

Through field monitoring, DOEE conducts an analysis of contractor/subcontractor's success in achieving or exceeding air infiltration target rates and addressing health and safety concerns. This is also an opportunity for DOEE to determine if Tier 2 training is needed.

DOEE will strengthen the monitoring process by requiring contractors to respond to monitoring reports with findings or numerous or repetitive observations with not only documentation of correction of work deficiencies but also the actions that were taken or planned to ensure that similar deficiencies are not repeated in future weatherization work.

DOEE continues to guide contractor weatherization programs in the implementation of the revised procurement policies to ensure contractor's procurement is open and competitive. DOEE obtains weatherization pricing for the contractors at a fair market rate based on the current year's market analysis.

DOEE is continuing a comprehensive program evaluation to determine average energy savings of weatherized homes and its program effectiveness. Contractors are monitored for their production status monthly utilizing an online application called QuickBase. In addition, at the end of each fiscal year DOEE does an analysis for each contractor to determine the energy savings for each project completed.

The following DOEE personnel conduct monitoring activities and are currently charged against the grant:

Tewodros Origno - Fiscal/Financial Monitoring

Dawit Affa - Quality Control (Contractor and subcontractor monitoring)

Ebony Gibson - Contractor Monitoring (Contractors and subcontractor/performance and compliance)

V.7 Health and Safety

U.S. DOE has mandated that states develop, publish, and implement procedures to allow for the usage of WAP funds for health and safety risk mitigation. Energy-related health and safety concerns are those hazards that are necessary to be removed before, or because of, the installation of weatherization measures. Therefore, health and safety hazards associated with weatherization activities can be removed or prevented with U.S. DOE funds. Measures and costs are defined in the grant award documents to avoid seriously impeding the realization of the primary energy conservation purpose of the program. DOEE will continue to be prudent in our oversight of the funds used by contractors for health and safety mitigation on homes weatherized.

Contractors' personnel and their subcontractors are required to complete the following trainings prior to commencing work 8 Hour OSHA Confined Space, EPA Lead Renovator, Ethics Training, and Fraud, Waste, and Abuse. During DOEEs monitoring visits personnel verify this training as taken place and if not, the Contractors are issued the necessary warnings based on the level of noncompliance. (see our training request form attached to the SF-424).

DOEE has currently budgeted \$65,000.00 for health and safety costs from U.S. DOE funding which is an average of \$833.34 per unit. DOEE will first utilize leveraged funding to cover Health and Safety costs, if we determine additional funding is needed to cover this work DOEE will then utilize U.S. DOE funds not to exceed an average cost of \$833.34 per unit.

Contractors and subcontractors working on homes built before 1978 must receive training to install measures in a lead-safe manner in accordance with the SWS and EPA protocols, and installation must be overseen by an EPA Certified Renovator. DOEE Monitors and Inspectors are Certified Renovators.

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Contractors must comply with Occupational Safety and Health Administration (OSHA) and Safety Data Sheets (SDS) requirements in all weatherization activities under 29 CFR 1910.1200, the revised Hazard Communication Standard (HCS), and take precautions to ensure the health and safety of themselves and others. Wherever workers or residents may be exposed to hazardous materials contractors, and subcontractors will develop and maintain a written hazard communication program conforming to 29 CFR 1910.1200. The contractor shall ensure that:

- All hazardous chemicals in the workplace are listed,
- All containers of hazardous chemicals are labeled,
- Safety data sheets are maintained for all hazardous chemicals, and
- Workers are informed and trained in program elements, hazards, and protective measures.

Also, contractors and subcontractors must adhere to the standards in DOE's Health and Safety Plan. This is an additional check to ensure that expenditures are allocated appropriately.

A. Grantee Health and Safety (DOEE Staff)

Funds provided under 10 CFR 440.18 of the WAP regulations are to eliminate health and safety hazards, elimination of which is necessary before, or because of, installation of weatherization material. These funds are to be expended by contractors for direct weatherization activities.

B. Contractor and Crew Health and Safety (Contractors and Subcontractors)

Contractors must comply with Occupational Safety and Health Administration (OSHA) and Environmental Protection Agency (EPA) requirements for all weatherization activities subcontractors, and in-house crews employed by contractors are expected to comply with OSHA and EPA. This requirement is a part of the contractor's bidding process. Related costs for contractors to comply with OSHA and EPA requirements are to be charged under a separate health and safety budget category.

C. Client Health and Safety

DOEE has considered the need to mitigate potential energy-related health and safety hazards occurring in the client's homes. A list of the more common hazards and the preferred approach is discussed below. Other energy-related hazards may be considered on a case-by-case basis. Asbestos remediation for example, when identified during the initial inspection, is crucial to ensure the safety of all parties involved in the weatherization process. If asbestos is detected by inspectors a licensed asbestos contractor would be brought in to do a full test and if positive, we would use additional funding sources, such as HUD Healthy Homes that would cover the costs of proper testing, removal, and disposal. Leveraging grants, state programs, or other local funding sources alongside the WAP funds can help cover these expenses, ensuring that necessary asbestos remediation is completed without depleting the budget allocated for energy efficiency improvements. This integrated funding approach allows the project to move forward safely and effectively. The single most threatening and potentially serious hazards are related to combustion appliances. To address these hazards, DOEE requires energy auditors to test the combustion appliances in a home pre- and post-air tightening. This procedure consists of testing carbon monoxide levels in the flue/vent and near the exhaust of unvented appliances, draft-ability of flues, startup spillage at flues, adequacy of combustion air, and testing for fuel leaks.

D. Remediation Materials

Remediation materials are defined as materials, measures, and equipment necessary to reduce or eliminate existing or potential health and safety hazards. These include:

- Replacement furnace.
- Combustion device vent connector when original is rusted out or unable to safely vent the products of combustion from a combustion device.
- Materials necessary to repair a downspout leaking into a basement and causing moisture, mold, and wood-rotting problems.
- Materials necessary to repair the section of a gutter causing moisture, mold, and wood-rotting problems; and
- Materials necessary to address electrical hazards when the problem prevents adequate weatherization.

Allowed Measures and Estimated Cost:

CO and Smoke Detector - Ten Year Battery Life	\$155.00
Install Bathroom Exhaust Fan	\$1,567.67
Install Bathroom Exhaust Fan/light	\$1,651.67
Replace Bathroom Exhaust Fan	\$920.00
Replace Bathroom Exhaust Fan/light	\$1,165.00
Install Kitchen Range Exhaust Fan	\$840.60
Replace Kitchen Range Exhaust Fan	\$738.90
Round Duct 6" Insulated Exhaust Fan/Dryer	\$228.31
Exhaust Termination Kit Roof or Eave	\$297.93
Dryer Vent to Outside	\$315.00
Pressure Relief Valve Discharge	\$113.62
Dryer vent kit 4" x 8 ft duct (with roof cap)	\$216.48
Dryer vent kit 4" x 8 ft duct (with wall damper)	\$207.66
Drill Hole to Masonry	\$215.58
Smart Switch	\$250.00
GFI Switch	\$125.00
Fire Extinguisher	\$100.00

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Make up air (CAZ) outside	\$147.36
Make up air (CAZ) inside	\$231.00

- Remediation of conditions that may lead to or promote biological concerns and unsanitary conditions: \$100.00
- Minor correction of moisture and mold creating conditions when necessary to ensure the long-term stability and durability of the weatherization measures and the clients' long-term health and safety: \$100.00
- Minor electrical repairs/upgrades necessary for weatherization measures and where the health and safety of the occupant is at risk: \$300.00
- Gutter or downspout work when necessary to keep rainwater out of the dwelling to stop or prevent moisture/mold mildew conditions per DOE Standard Work Specifications: \$100.00

E. Remediation Costs

U.S. DOE funds are to be used for energy-related health and safety remediation only. DOEE will utilize other funding sources to remediate non-energy-related health and safety hazards.

F. Reporting Requirements

Related costs for contractors to comply with OSHA and EPA requirements are to be charged under a separate health and safety budget category. This policy is issued with the knowledge that as experience is gained in health and safety hazard identification, modifications and improvements to remediation methods will be made.

G. Incidental Repair

Those repairs necessary for the effective performance or preservation of weatherization materials will be addressed. Such repairs include framing or repairing windows and doors that could not otherwise be caulked or weather-stripped and providing protective materials, such as paint, to seal materials installed under this program. Program policies strictly prohibit roof replacements, structural repairs, or other nonenergy-related rehabilitation work. All incidental repairs will be justified in the client file along with an explanation for their need and relationship to a specific energy conservation measure (ECM).

H. Contractor Health & Safety Allocation

Historically, DOEE has not had to use the allotted 15% percent in health and safety funds due to the leveraging programs (LIHEAP and District general funds) for which health and safety measures can be covered under program operations. All homes are addressed in a holistic manner and cases of an SIR greater than 1, the heating or cooling appliances are covered under WAP Program Operations. When the SIR test is not met, DOEE has covered these measures through LIHEAP and non-federal funds.

I. ASHRAE 62.2

Implementation of ASHRAE 62.2 is required. Client refusal of mechanical ventilation when evaluated and called for according to the standard must be a deferral. DOEE will fully utilize the ASHRAE 62.2 2016 standard possible to meet the minimum requirements for mechanical and natural ventilation intended to provide acceptable indoor air quality in all homes weatherized. The ventilation system may consist of continuously operating bathroom and kitchen exhaust fans, a supply-only system or a balanced system. The required airflow is measured following the installation of the ventilation system to assure the desired airflow has been achieved.

DOEE used the 62.2-2016 Residential Energy Dynamics (RED) ASHRAE Ventilation calculation found here:

<http://www.residentialenergydynamics.com/REDCalcFree/Tools/ASHRAE6222016>

A copy of the ASHRAE calculation is included in each file and sent to the contractors.

Ventilation for Multifamily Buildings:

1. Whole building ventilation rates are applied on per unit basis.
2. No infiltration credit on multifamily buildings.
3. Corridor ventilation of 6 CFM per 100 sq. ft.
4. All envelope components must be sealed between units.
5. Bathroom or kitchen exhaust fans may also serve as the whole-building ventilation fan if the fan satisfies the minimum requirements for both the local and whole-building ventilation.
6. A single supply fan may serve multiple units if it is continuously operated or if a backdraft damper is included at each unit to prevent cross-contamination.
7. An exhaust rate of 4 CFM per 100 sq. ft. is required for attached common garages with an exemption if two or more walls are open to the outside; and
8. All units must have CO & smoke combination units in the following areas:
 - a. In each bedroom and outside of each separated dwelling unit's sleeping area in the immediate vicinity of the bedroom(s); and
 - b. On every level of a dwelling unit, including the basement.

DOEE has implemented a comprehensive Health and Safety Plan to include allowed incidental repairs. Please refer to SF-424.

DOEE does not approve partial weatherization, nor do we reimburse contractors until all energy audit recommended measures are installed, pass, and accepted

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by DOE's QCI inspection. Once the contractors submit the reimbursement documentation, it is cross-referenced with the Funding Source Allocation (FSA) to ensure funding is allocated correctly prior to payment.

V.8 Program Management

V.8.1 Overview and Organization

In Program Year 1994, the District of Columbia's Weatherization Assistance Program (WAP) for low-income households was transferred from the Department of Housing and Community Development (DHCD) to the DC Energy Office. In 2006, under the authority of DC Law 16-51, the Department of Energy and Environment (DOEE) was formed through a merger of the DC Government's Environmental Health Administration, the DC Energy Office, policy functions of the Tree Management Administration and policy functions of the Office of Recycling. The weatherization component operates under DOEE's Energy Efficiency and Conservation Branch (EECB) of DOEE. This agency has accumulated a wealth of experience in operating LIHEAP and WAP weatherization programs. DOEE has utilized proven and effective methods in performing energy audits and has enlisted several contractors to implement weatherization activities. Moving forward, DOEE intends to continue to utilize auditing tools (NEAT and TREAT) to enhance program capabilities.

V.8.2 Administrative Expenditure Limits

The Consolidated Appropriations Act of 2021 (Pub.L. 116-260) amended 10 CFR 440.18(e) to require that "Not more than 15 percent of any grant made to a State may be used by the Grantee or their contractors for administrative purposes in carrying out duties under this part, except that not more than 7.5 percent may be used by the State for such purposes, and not less than 7.5 percent must be made available to Contractors by States. A State may provide in its annual plan for recipients of grants of less than \$350,000 to use up to an additional 5 percent of such grants for administration if the State has determined that such recipient requires such additional amount to implement effectively the administrative requirements established by DOE pursuant to this part."

DOEE has determined that the District's contractors are not eligible to receive the additional 5%. The Budget for Administrative funding will be equally divided between both Contractors. Administrative allowable expenditures are defined as expenditures incurred by the contractor that are necessary to fulfill the requirements of this grant, excluding the direct costs to weatherize dwelling units. Administrative costs must not exceed 10% of the total grant award and must be actual and allowable under applicable federal regulation(s). Administration costs include expenses incurred to provide the services required under the terms of the grant. These include telephone costs; salary and fringe benefits of professional, administrative, fiscal and inventory staff; copying; office space; equipment; and supplies.

V.8.3 Monitoring Activities

As stated in the U.S. DOE Weatherization Program Notice (WPN) 24-4: Weatherization Assistance Program Monitoring Procedures, the goal of the monitoring process is to: (1) ensure the proper and timely use of funds and the realization of expected benefits, (2) provide transparency and accountability, (3) provide quality control, and (4) provide technical assistance and training.

The goals for DOEE's monitoring activities include:

- Conducting monitoring with consistency, fairness, respect, and timeliness in a constructive and professional manner.
- Fostering positive, open, and constructive working relationships and providing educational experience that promotes interaction, feedback, and improvement for both DOEE and the contractors of the Weatherization Assistance Program;
- Maintain consistent communication with contractors to support information sharing and deliver timely feedback.
- Optimizing program funds and resources to best serve the District's low-income population, striving for program improvement, and providing the most cost-effective and best quality program services possible.
- Providing programmatic and technical assistance to contractors, reinforcing strengths, and sharing successes, innovations, best practices, and experiences encountered by other contractors; and

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- Providing reporting that is consistent with, and based upon, adopted program policies, procedures, and standards from U.S. DOE.
- Hold weekly contractor meetings with assigned contractors, scheduling regular check-in and progress meetings to evaluate performance, address challenges, and implement necessary adjustments in real time.
- Ensure that all contractual terms and conditions are meticulously documented and clearly comprehended by both parties DOEE and assigned contractors.

The salaries of personnel performing monitoring activities make up 35.5% of the total T & TA funding. Monitoring activities performed by the personnel are as follows:

Quality Control Inspector (funded by a portion of T & TA funds) - Conduct QCI inspections of all units that the contractor reports as "QCI ready"; does 100% in-progress inspection of all work to ensure compliance to OSHA, EPA, and local health & safety requirements; reviews contractor invoices and compares the information to the documentation submitted by Contractors; reviews audit report prepared by DOEE Energy Auditor to ensure all possible EEMs and Health and Safety measures are addressed; continually monitors equipment being used by DOEE personnel, contractors, and their subcontractors to ensure they are properly calibrated.

Compliance Specialist (funded by a portion of T & TA funds) - Conduct semiannual monitoring visits with Branch Chief to ensure Contractors adhered to the terms and conditions as outlined in their contracts with Office of Contracting and Procurement (OCP).

Budget Analyst (funded by a portion of T & TA funds) - Conducts the financial monitoring of the WAP program ensuring that the expenditure aligns with the approved State Plan. Also plays a role in the Contractor monitoring visits.

The target audience for WPN 24-4 encompasses both Grantees and Subgrantees. For FY26, the RSD operates on a self-administering basis, and to guarantee compliance, DOEE is dedicated to adhering to the guidelines provided by the U.S. DOE. Through our monitoring practices, the following specifics provided below will be tracked and monitored daily using our monitoring tool Quickbase:

- Reported expenditures are tracked and monitored effectively with our monitoring tool QuickBase, by way of inserting our allotted budget, and regularly comparison of actual spending to the budget using our monitoring software, such as:
- Reporting and documentation of program income and leveraged funds.
- Contractor financial invoices.
- Source documentation for the purchase of any items charged against DOEE-provided funds.
- Distribution of costs charged to more than one program.
- Payroll costs for consistency with the latest approved budgets.
- Records to trace material purchases from invoices to inventory, or to specified jobs and to programmatic reports.
- Contractor agreements, analyzing payment schedules to verify payments made to contractors, subcontractors, and vendors; and
- Contractor's compliance with insurance requirements, certificates, required trainings and permits contingent on the SOW assigned.

Periodic Monitoring

In addition to the Annual Monitoring, the contractors and subcontractors review production, identify obstacles and challenges then develop solutions, identify best practices to meet timelines, and make everyone aware of new mandates and program protocols.

DOEE performs monthly in-person or if necessary virtual monitoring reviews of the contractors' programmatic and field operations. Additionally, the Compliance Specialist will conduct comparison views using our monitoring tools and monthly progress reports submitted by each contractor to ensure accuracies surrounding all activities, outputs, and outlines performed in the previous month. All findings from periodic monitoring reviews will be reported to appropriate DOEE staff and the funding project officer monthly unless the findings need to be reported immediately to U.S. DOE due to their egregious nature.

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The EECB Branch Chief will inform the contractors of program findings and will require corrective responses in writing. Depending on the severity of any problems reported, a contractor may receive a follow-up monitoring review that concentrates on prior deficiencies and required corrective actions. Severe problems will be reported to the appropriate DOEE staff and to the U.S. DOE funding project officer. Work may be terminated based on consultations with DOEE and U.S. DOE.

Field Monitoring

Field Monitoring is conducted by DOEE's Home Energy Professional (HEP) Certified Quality Control Inspector throughout the year for each contractor. Individual job inspections are performed and recorded using the Post Installation Inspection Form. Jobs will be inspected for overall effectiveness, workmanship, appearance, and compliance with DOEE's Field Guide. An overall assessment of the contractors' field practices is performed using the Standard Work Specification (SWS) Guidelines developed by the National Renewable Energy Laboratory (NREL) and U.S. DOE.

Contractor Inspection Responsibilities

Contractors are required to inspect 100% of all completed dwelling units to determine compliance with the EECB Programs' quality standards and to ensure proper documentation of client information, job measures and costs, and other appropriate information as needed. The post-installation inspection must be performed by a person who did not perform the actual work on the job.

Although the contractor is required to inspect 100% of the completed projects, DOEE will be the one responsible for conducting 100% of the in progress and QCI inspections. The QCI inspections are conducted by a DOEE QCI who was not involved in the preparation or implementation of audit recommended measures.

DOEE QCIs always inspect the final work for each project and evaluates based on the original work of the energy auditor /assessor or as a member of the crew. All work orders are generated to include the specific corresponding SWS as an extra assurance that the contractor and in-house crews install measures and perform work according to the standard. To ensure compliance, once the QA Inspector passes the QC inspection, a random sample of 10% is picked from the total number of projects completed and a site inspection is completed per job task analysis. QAs are individuals who are not involved in prior work as an energy auditor, QCI inspector or serve as a member of the crew.

In addition, all contractor contracts must include the following language to ensure compliance with WPN 22-4: "All measures and incidental repairs performed on client homes must meet the specifications, objectives, and desired outcomes outlined in the Standard Work Specifications for Home Energy Upgrades (SWS)." These field standards must comply with or exceed the minimum standards described in the SWS including audits/testing; installation of energy conservation, incidental repair, and health and safety measures; and final inspections. The contractor must confirm receipt of those requirements and provide follow-up and clarification upon request. A signature on a contract/award can serve as proof of receipt.

Performance Standards

The levels of performance standards include:

1. High-Performance Standard: to meet the High-Performance Standard, contractors must demonstrate performance standards during the weekly progress meeting that meet or exceed those commonly observed in the following areas:
 - No more than one health and safety violation as identified in the previous monitoring report.
 - No more than one procedural finding related to program rules, policies, and procedures.
 - Contractor provides comprehensive service in a cost-effective manner in accordance with U.S. DOE guidelines.
2. Standard Performance: to meet the Standard Performance threshold, contractors must meet the following Standard Performance requirements:
 - Comply with major program requirements (i.e., lead-based paint procedures, cost allocation plan/indirect rate, and required contractor information).
 - Ensure that staff are well trained in performance standards and specific job duties.
 - Maintain complete and organized files.
 - Complete all required scopes of work.
 - Ensure that all contractors, subcontractors, and vendors have demonstrated proficiency in technical applications including diagnostics.
 - Comply with all applicable safety rules.
 - Maintain a professional working relationship with DOEE and customers.
 - Resolve all prior findings and report such corrections to DOEE in a timely manner; and

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- Verify that none of the elements identified in the At-Risk Performance category (below) are present.
3. At-Risk Performance: DOEE may categorize a contractor under At-Risk Performance for serious management and/or sub-standard field performance, including but not limited to the following findings:
- Unmet program goals;
 - Misplaced or unaccounted-for program resources;
 - Serious indications of misuse of funds, fraud, or theft;
 - Non-compliance with program policies and procedures;
 - Severely incomplete or disorganized files or records;
 - Repeated major field findings with little to no improvement over a previous monitoring visit; and
 - Delayed or unresponsive behavior regarding DOEE requests and deadlines.

Once a contractor has been designated with an At-Risk Performance status, DOEE will provide specific improvements that must be made by the contractor. The contractor will be instructed to submit a plan to identify the steps and timelines to be taken to make the noted improvements. If appropriate, related training and technical assistance will be provided by DOEE.

If the specified improvements in management or field practices are not instituted by the contractor within a specified period, DOEE will consider suspension or termination of the contractor agreement. DOEE will report At-Risk contractors to U.S. DOE immediately.

Appeals of Monitoring Reports

A contractor may appeal to the findings of a DOEE Monitoring Visit to the EECB Branch Chief. This appeal should be sent in writing within thirty (30) days of receipt of the inspection report.

A contractor may submit a subsequent appeal to the Residential Services Division Associate Director.

V.8.4 Training and Technical Assistance Approach and Activities

Training and Technical Assistance (T&TA) activities are intended to maintain and increase the efficiency, quality, and effectiveness of the Weatherization Program at all levels. DOEE developed an internal Contractor Training Plan based on U.S. DOE recommendations, monitoring visits, and field inspections. The Training Plan ensures that all Tier 1 training paid for with T&TA funds for the contractor meets the requirements of WPN 22-4.

DOEE links contractors to training resources throughout the year on a variety of energy-related topics. When topics involve a change in existing policies and procedures (e.g., new database, changes to audit protocols), or emphasize a major program area, contractors' attendance may be mandatory. When training is mandatory, all parties are expected to assign the most appropriate person to attend. If a contractor has any doubt regarding attendance, DOEE requires that we be notified immediately.

DOEE requires contractors' staff in key positions to have or obtain the proper training and certifications as outlined in their grant award notice(s). If a contractors' hires a new employee into one of these positions or a current employee transfer into one of these positions, it is mandatory that if they have not already received it, the employee receives this training within six months of their start date. These mandatory training sessions must be repeated every three years by contractors' personnel who occupy these positions. The Training Plan requires certification to be submitted 30 Days after the Grant Award Notice.

Based on performance, contractors' and DOEE personnel may be required to take additional training courses prior to continuing weatherization activities. An analysis will be conducted to determine if the work performed did not meet the standard based on a "one-time" error or if a pattern of poor performance exists. In instances where poor performance is identified as a pattern, contractors are required to complete Tier 1 and 2 training activities within the next 30 days after being informed of the findings.

The selected contractors' in-house personnel and/or subcontractors will receive the necessary training to follow DOEE training requirements once the funding becomes available. Community Housing Partners, an IREC accredited facility, will continue to provide contractors with the necessary training to stay abreast of any new program guidance and/or updates as needed. The current T&TA budget reflects the projected costs to train subcontractors and in-house contractors personnel, so they follow DOEE standards. DOEE's Request for Applications (RFA) outlines the training requirements, and each contractor is required to adhere to this by signing their grant award. During the DOEE monitoring visit, DOEE requests the listing of all training their subcontractors and/or in-house

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crews attended and obtained certification for if they differ from the personnel on board at the time of their proposal submission.

DOEE's program staff will maintain their BPI certifications to ensure compliance. DOEE required all applicants for the FY20 program to have the above training completed before applying for funding. DOEE requires this in its RFA and its Training Plan. DOEE's internal staff currently includes four (4) BPI-certified QCIs.

Leveraged funds have been allotted to provide staff with the necessary training courses, and U.S. DOE's T&TA funds will be utilized to attend U.S. DOE-recommended conferences. T&TA funds may be used to train DOEE staff, contractors' staff, and subcontractors except in cases where the employee has already failed the certification test. T&TA funds will not be used to retake the exam, and the employee is required to cover the cost and obtain required certification within the same fiscal year of failed exam/test. **In making the determination to pay for contractor training, each contracting company must formally agree that in exchange for training their teams each contractor will work in the DOEE WAP Program for a minimum of one (1) additional program year after training is completed, to align with the cost of the T&TA provided. DOEE requires subgrantees to submit training requests (see Attachments) for approval prior to spending U.S. DOE T&TA Funds.**

DOEE offers some training courses. When a contractor's staff is unable to attend, they must still meet the requirement for certification within 30 days of the Grant Award Notice.

DOEE determines the contractors' effectiveness, skills, and abilities through monthly field and programmatic monitoring activities to compare contractors' production and determine if additional training is needed. The goal is to determine whether U.S. DOE funds are being used to the maximum extent possible on energy efficiency and conservation measures. The contractors are also required to show adequate proof of client education and utilization of leveraging opportunities to address applicants in a holistic approach.

DOEE outlines the training requirements for Contractors' and their subcontractors in the grant awards issued. We have also included the training request form which is attached in the SF-424 that provides this information as well.

DOEE conducted a survey to determine the training needs of agency personnel, contractors and any subcontractors. Based on the survey results the following trainings will take place.

DOEE will conduct intensive trainings with the following entities on the below subject matters:

Contractor Personnel

- Program Management
- Federal and Local rules and regulations
- Developing Training Plans
- Conducting Quality Pre-Inspection and Final Inspections

HVAC and Weatherization Contractors

- Hands on CAZ testing training
- Hands on Air Sealing and Blower Door Guided

Based on the training outcomes of the above coursework DOEE will recommend whether or not more intensive training is needed.

DOEE personnel working on the U.S. DOE grant are enrolled in the following coursework:

- Solar Photovoltaic Training
- Grants Management Training
- Home Inspection Training Course
- Community and Customer Engagement
- Advance HVAC

Percent of overall trainings

Comprehensive Trainings: 75.0

Specific Trainings: 25.0

Breakdown of T&TA training budget

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Percent of budget allocated to Auditor/QCI trainings:	10.0
Percent of budget allocated to Crew/Installer trainings:	50.0
Percent of budget allocated to Management/Financial trainings:	40.0

V.9 Energy Crisis and Disaster Plan

The District's Energy Assurance Plan provides information on how the District and DOEE will respond in case of an energy emergency. The Energy Assurance Plan promotes the resilience of the District's energy systems to reduce the system's vulnerabilities. The plan also outlines DOEE's role in promoting policies and programs that enhance the District's energy systems.

The Plan addresses:

1. The types of energy emergencies that can occur in the District;
2. Who responds to an energy emergency;
3. Plan of action when an energy emergency occurs; and
4. Development related to critical infrastructure and promoting policies and program that enhance the resiliency of District energy systems.

Here is the link to the plan:

https://doee.dc.gov/sites/default/files/dc/sites/ddoe/publication/attachments/DC_DOEE_EAP.pdf