

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

03/06/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

DE-EE0009892

State Use Only:

6. Date Received by State:

03/06/2023

7. State Application Identifier:

8. APPLICANT INFORMATION:

a. Legal Name:

State of Connecticut

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

86-1154163

c. UEI:

VZA5GCYZBJA7

d. Address:

Street 1: 79 Elm Street

Street 2:

City: Hartford

County: HARTFORD County

State: CT

Province:

Country: U.S.A.

Zip / Postal Code: 061065127

e. Organizational Unit:

Department Name:

Department of Energy and Environmental Protection

Division Name:

BETP, Office of Affordable Housing Energy Retrofi

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

Prefix: Mr First Name: Brian

Middle Name:

Last Name: Biernat

Suffix:

Title: Research Analyst

Organizational Affiliation: Connecticut Department of Energy and Environmental Protection

Telephone Number: 8608272983

Fax Number:

Email: brian.biernat@ct.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-0002024

Title:

2024 Weatherization Assistance Program (WAP)

13. Competition Identification Number:

Title:

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

Entire State of Connecticut

15. Descriptive Title of Applicant's Project:

PY2024 Connecticut Weatherization Assistance Program for Low-Income Persons

APPLICATION FOR FEDERAL ASSISTANCE SF-424

Version 02

16. Congressional District Of:

a. Applicant: Connecticut Congressional District 01

b. Program/Project: CT-Statewide

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

17. Proposed Project:

a. Start Date: 07/01/2024

b. End Date: 06/30/2025

18. Estimated Funding (\$):

a. Federal	4,028,266.00
b. Applicant	0.00
c. State	0.00
d. Local	0.00
e. Other	0.00
f. Program Income	0.00
g. TOTAL	4,028,266.00

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
- 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: First Name: Victoria

Middle Name:

Last Name: Hackett

Suffix:

Title: B

Telephone Number: 8604243652

Fax Number:

Email: victoria.hackett@ct.gov

Signature of Authorized Representative: Signed Electronically

Date Signed: 06/04/2024

U.S. DEPARTMENT OF ENERGY



BUDGET JUSTIFICATION FOR FORMULA GRANTS

Applicant: State of Connecticut
Award number: EE0009892

Budget period: 07/01/2024 - 06/30/2025

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
Research Analyst	Staff member that performs the duties required in the administration of the WAP grant, to include: programmatic administration, fiscal administration, contract writing, and application preparation. The remainder of the salary is paid for with state funds.
Grants and Contract Specialist	Performs Fiscal Monitoring and Contract for WAP. The remainder of the salary is paid for with state funds.
Research Analyst	Staff member that performs the duties required in the administration of the WAP grant, to include: programmatic administration, fiscal administration, contract writing, and application preparation. The remainder of the salary is paid for with state funds.
Research Analyst	Staff member that performs the duties required in the administration of the WAP grant, to include: programmatic administration, fiscal administration, contract writing, and application preparation. The remainder of the salary is paid for with state funds.

Direct Personnel Compensation:

Position	Salary/Rate	Time	Direct Pay
Research Analyst	\$88,106.00	11.5000 % FT	\$10,132.19
Grants and Contract Specialist	\$97,141.00	11.1470 % FT	\$10,828.31
Research Analyst	\$88,106.00	11.5000 % FT	\$10,132.19
Research Analyst	\$88,106.00	11.5000 % FT	\$10,132.19
		Direct Pay Total	\$41,224.88

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.

Fringe benefits applicable to direct salaries and wages are to be treated as direct costs.

- Life Insurance (0% - 0.2%)
- Medical Insurance (10% - 32%)
- Unemployment (0.18%)
- FICA (6.2%)
- Medicare (1.45%)
- Retirement (67.4%)

Fringe Benefits Calculations

<u>Position</u>	<u>Direct Pay</u>	<u>Rate</u>	<u>Benefits</u>
Research Analyst	\$10,132.19	85.8779 %	\$8,701.31
Grants and Contract Specialist	\$10,828.31	97.9361 %	\$10,604.82
Research Analyst	\$10,132.19	89.6378 %	\$9,082.27
Research Analyst	\$10,132.19	107.2878 %	\$10,870.60
		Fringe Benefits Total	\$39,259.00

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.

<u>Purpose of Trip</u>	<u>Number of Trips</u>	<u>Cost Per Trip</u>	<u>Total</u>
Annual WAP conferences and trainings.	10	\$3,000.00	\$30,000.00
		Travel Total	\$30,000.00

- 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.

Cost estimated using previous travel and estimated number of staff attending conferences this year.

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.

<u>Equipment</u>	<u>Unit Cost</u>	<u>Number</u>	<u>Total Cost</u>	<u>Justification of Need</u>
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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.

The Program Operations budget Category will cover all expenses for vehicles and equipment provided by DOE. However, any expenses exceeding \$5,000 require prior approval from DOE and must be reported on Quarterly Performance Reports. No equipment purchases by the Grantee utilizing DOE funds are anticipated.

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.

<u>General Category</u>	<u>Cost</u>	<u>Justification of Need</u>
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- 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.

No material and supply purchases by the Grantee utilizing DOE funds are anticipated.

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).

<u>Name of Proposed Sub</u>	<u>Total Cost</u>	<u>Basis of Cost*</u>
Green Jobs Academy	\$45,000.00	Funds to provide Specific and Comprehensive trainings to Subgrantee and Grantee staff under one contract. Method of procurement is Sole Source approved by CT Office of Policy and Management and Department of Administrative Services.
Hancock Software	\$74,068.00	Ongoing licensing of Hancock project management software.
Field monitor - TVC	\$139,350.00	To provide field monitoring services to the CT WAP including QCI inspections and technical monitoring. Method of procurement is RFP. Cost is estimated.
Consultant work - NASCSP	\$16,878.00	CT WAP will seek the use of consultants to assist with various program operations throughout PY24, to include but not limited to: technical writing of the CT WAP Operations Manual, Health and Safety Plan, and T&TA Plan. CT WAP may also seek consultant help with workforce development plans.
Technical Consultant - AEA	\$256,252.00	To provide desk monitoring, technical writing, subgrantee technical monitoring, and similar ancillary services to CT WAP. The method of procurement is RFP.
Subgrantee(s) - CRT and CRT	\$3,366,010.00	CT WAP has selected contractors for the PY24 program year and beyond.
Contracts and Subgrants Total	<u>\$3,897,558.00</u>	

*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.

<u>General Description</u>	<u>Cost</u>	<u>Justification of Need</u>
Memberships and Dues	\$5,000.00	To pay for various memberships and dues fees, including but not limited to NASCSP (\$2,500).
Other Direct Costs Total	<u>\$5,000.00</u>	

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.

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.
 The Connecticut Department of Energy and Environmental Protection's current indirect rate is 36.93% as approved by the U.S. Environmental Protection Agency on December 14, 2023.

- 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.

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

Name: Dennis Thibodeau, CFAS I

Phone Number: 8604243748

Indirect costs calculations:

Indirect Cost Account	Direct Total	Indirect Rate	Total Indirect
Total Salaries	\$41,225.00	36.9300 %	\$15,224.39
		Indirect Costs Total	\$15,224.39

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. EE0009892		2. Program/Project Title Weatherization Assistance Program	
3. Name and Address State of Connecticut 79 Elm Street Hartford, CT 061065127		4. Program/Project Start Date 07/01/2024	5. Completion Date 06/30/2025

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. DOE 2023 WAP Formula Funds	81.042	\$ 0.00		\$ 4,028,266.00		\$ 4,028,266.00
2.						
3.						
4.						
5. TOTAL		\$ 0.00	\$ 0.00	\$ 4,028,266.00	\$ 0.00	\$ 4,028,266.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) GRANTEE ADMINISTRATI ON	(2) SUBGRANTEE ADMINISTRATI ON	(3) PROGRAM OPERATIONS	(4) HEALTH AND SAFETY	
a. Personnel	\$ 41,225.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 41,225.00
b. Fringe Benefits	\$ 39,259.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 39,259.00
c. Travel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 30,000.00
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
f. Contract	\$ 0.00	\$ 503,531.00	\$ 2,040,875.00	\$ 306,130.00	\$ 3,897,558.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other Direct Costs	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,000.00
i. Total Direct Charges	\$ 85,484.00	\$ 503,531.00	\$ 2,040,875.00	\$ 306,130.00	\$ 4,013,042.00
j. Indirect Costs	\$ 15,224.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15,224.00
k. Totals	\$ 100,708.00	\$ 503,531.00	\$ 2,040,875.00	\$ 306,130.00	\$ 4,028,266.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. EE0009892		2. Program/Project Title Weatherization Assistance Program	
3. Name and Address State of Connecticut 79 Elm Street Hartford, CT 061065127		4. Program/Project Start Date 07/01/2024	5. Completion Date 06/30/2025

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	\$ 4,028,266.00	\$ 0.00	\$ 4,028,266.00

SECTION B - BUDGET CATEGORIES						
6. Object Class Categories	Grant Program, Function or Activity				Total (5)	
	(1) LIABILITY INSURANCE	(2) FINANCIAL AUDITS	(3) GRANTEE T&TA	(4) SUBGRANTEE T&TA		
a. Personnel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 41,225.00	
b. Fringe Benefits	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 39,259.00	
c. Travel	\$ 0.00	\$ 0.00	\$ 30,000.00	\$ 0.00	\$ 30,000.00	
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
f. Contract	\$ 30,000.00	\$ 15,000.00	\$ 531,548.00	\$ 90,000.00	\$ 3,897,558.00	
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
h. Other Direct Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,000.00	
i. Total Direct Charges	\$ 30,000.00	\$ 15,000.00	\$ 561,548.00	\$ 90,000.00	\$ 4,013,042.00	
j. Indirect Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15,224.00	
k. Totals	\$ 30,000.00	\$ 15,000.00	\$ 561,548.00	\$ 90,000.00	\$ 4,028,266.00	
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. EE0009892		2. Program/Project Title Weatherization Assistance Program	
3. Name and Address State of Connecticut 79 Elm Street Hartford, CT 061065127		4. Program/Project Start Date 07/01/2024	5. Completion Date 06/30/2025

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	\$ 4,028,266.00	\$ 0.00	\$ 4,028,266.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) Weatherization Readiness	(2)	(3)	(4)	
a. Personnel	\$ 0.00				\$ 41,225.00
b. Fringe Benefits	\$ 0.00				\$ 39,259.00
c. Travel	\$ 0.00				\$ 30,000.00
d. Equipment	\$ 0.00				\$ 0.00
e. Supplies	\$ 0.00				\$ 0.00
f. Contract	\$ 380,474.00				\$ 3,897,558.00
g. Construction	\$ 0.00				\$ 0.00
h. Other Direct Costs	\$ 0.00				\$ 5,000.00
i. Total Direct Charges	\$ 380,474.00				\$ 4,013,042.00
j. Indirect Costs	\$ 0.00				\$ 15,224.00
k. Totals	\$ 380,474.00				\$ 4,028,266.00
7. Program Income	\$ 0.00				\$ 0.00

U.S. Department of Energy
Weatherization Assistance Program (WAP)
BUDGET INFORMATION REMARKS
Grant Number: EE0009892, **State:** CT
Recipient: State of Connecticut

Remarks

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.

U.S. Department of Energy
WEATHERIZATION ASSISTANCE PROGRAM
SUBGRANTEE INFORMATION
State: MA Grant Number: EE0009892 Program Year: 2024

Name: Center for EcoTechnology, Inc	Contact: Lorenzo Macaluso		
	UEI: Z31CNH822HN1		
	DUNS: 0553726010000		
Address: 63 Flansburg Ave	Phone: (413) 218-1543		
PO Box 275	Fax: () -		
Dalton, MA 01226-1410	Email: lorenzo.macaluso@cetonline.org		
Counties served: NEW HAVEN County	Tentative allocation: \$ 1,683,005.00	Congressional districts served:	<u>CD</u>
FAIRFIELD County	Planned units: 120		CT-04
	Type of organization: Non-profit organization		CT-03
			CT-05
	Source of labor: Contractors		

Name: Community Renewal Team	Contact: Elizabeth Vinick		
	UEI: JJLMNQDSGLM6		
	DUNS: 7309516		
Address: 555 Windsor Street	Phone: (860) 569-5600		
Hartford, CT 06120-2418	Fax: (860) 560-5643		
	Email: vinicke@crctct.org		
Counties served: TOLLAND County	Tentative allocation: \$ 1,683,005.00	Congressional districts served:	<u>CD</u>
WINDHAM County	Planned units: 121		CT-02
LITCHFIELD County	Type of organization: Local agency		CT-01
HARTFORD County			CT-05
MIDDLESEX County			
NEW LONDON County			
	Source of labor: Contractors		

U.S. Department of Energy
Weatherization Assistance Program (WAP)
WEATHERIZATION ANNUAL FILE WORKSHEET
Grant Number: EE0009892, State: CT, Program Year: 2024
Recipient: State of Connecticut

IV.1 Subgrantees

Subgrantee (City)	Planned Funds/Units
Center for EcoTechnology, Inc (Dalton)	\$1,683,005.00 120
Community Renewal Team (Hartford)	\$1,683,005.00 121
Total:	\$3,366,010.00 241

IV.2 WAP Production Schedule

Weatherization Plans	Units
Total Units (excluding reweatherized)	241
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	241
C Total Units Reweatherized	0
D Total Dwelling Units to be Weatherized and Reweatherized (B + C)	241
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	\$2,040,875.00
G Total Dwelling Units to be Weatherized and Reweatherized (from line D)	241
H Average Program Operations Costs per Unit (F divided by G)	\$8,468.36
I Average Vehicles & Equipment Acquisition Cost per Unit (from line E)	\$0.00
J Total Average Cost per Dwelling (H plus I)	\$8,468.36

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	241	29.3	7061
	Prior Year Estimate	341	29.3	9991
	Prior Year Actual	43	29.3	1260
Method used to calculate savings description:				
Connecticut utilizes the DOE Algorithm from the ORNL/TM-2014/338 national evaluation.				

IV.4 DOE-Funded Leveraging Activities

In previous program years DOE funds were set aside for leveraging with non-federal resources to replace heating systems for DOE eligible homeowners whose present heating systems needed replacement. Since leveraging funds are not to be used for the payment of weatherization materials installed in a

U.S. Department of Energy
Weatherization Assistance Program (WAP)
WEATHERIZATION ANNUAL FILE WORKSHEET
Grant Number: EE0009892, State: CT, Program Year: 2024
Recipient: State of Connecticut

home, Connecticut ceased setting aside funds for this activity. The state will now replace heating systems in eligible owner occupied homes if an SIR of one or more is achieved or under the Health and Safety category. The utility companies will still continue to pay a portion of the replacement cost.

IV.5 Policy Advisory Council Members

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

Alliance Community Action Agency	Type of organization: Non-profit (not a financial institution) Contact Name: Angel Battle Phone: 2035264578 Email: abattle@alliancect.org
Center for Childrens Advocacy	Type of organization: Contact Name: Bonnie Roswig Phone: 8602435286 Email: broswig@cca-ct.org
Connecticut AARP	Type of organization: Non-profit (not a financial institution) Contact Name: Nora Duncan Phone: 8602957279 Email: nduncan@aarp.org
Connecticut Association for Community Action	Type of organization: Non-profit (not a financial institution) Contact Name: Rhonda Evans Phone: 86083294341 Email: rhonda@cafca.org
Connecticut Energy Marketers Association	Type of organization: Non-profit (not a financial institution) Contact Name: Christian A. Herb Phone: 8606132041 Email: chris@ctema.com
Connecticut Fair Housing Center	Type of organization: Non-profit (not a financial institution) Contact Name: Sarah White Phone: 8604567891 Email: swhite@ctfairhousing.org
Connecticut Green Building Council	Type of organization: Non-profit (not a financial institution) Contact Name: Alicia Dolce Phone: 8605489587 Email: adolce@ctgbc.org
Connecticut Natural Gas Corp.	Type of organization: Utility Contact Name: Lydia Santiago Phone: 8605248361 Email: lydia.santiago@uinet.com
Connecticut Water Works Association	Type of organization: Utility Contact Name: Phone: 8601234567 Email: richard.hanratty@ctwater.com
Connecticut Water Works Association	Type of organization: Utility Contact Name: April Salazar Phone: 1234567890 Email: asalazar@monchesterct.gov
CT Local Administrators of Social Services	Type of organization: Non-profit (not a financial institution) Contact Name: Katie Wilt Phone: 8608703128 Email: kwilt@columbiaact.org
Department of Energy and Environmental Protection	Type of organization: Unit of State Government Contact Name: Victoria Hackett Phone: 8608272687 Email: victoria.hackett@ct.gov
Dept. of Social Services	Type of organization: Unit of State Government Contact Name: Cassandra Norfleet-Johnson Phone: 8604245408 Email: cassandra.norfleet-johnson@ct.gov
	Type of organization: Utility

U.S. Department of Energy
Weatherization Assistance Program (WAP)
WEATHERIZATION ANNUAL FILE WORKSHEET
Grant Number: EE0009892, State: CT, Program Year: 2024
Recipient: State of Connecticut

Eversource Energy (Electric)	Contact Name: Theresa Washington Phone: 8002862000 Email: theresa.washington@eversource.com
Eversource Energy (Gas)	Type of organization: Utility Contact Name: Joanne Whistnant Phone: 8002862000 Email: joanne.whistnant@eversource.com
Legal Assistance Resource Center	Type of organization: Non-profit (not a financial institution) Contact Name: Matthew Dillon Phone: 8604561761 Email: MDillon@ctlegal.org
Norwich Public Utilities	Type of organization: Utility Contact Name: Ruth Swift Phone: 8608872555 Email: ruthswift@npumail.com
Office of Consumer Counsel	Type of organization: Unit of State Government Contact Name: Claire E. Coleman Phone: 8608272900 Email: claire.e.colman@ct.gov
Office of Policy and Management	Type of organization: Unit of State Government Contact Name: Danielle Palladino Phone: 8604027576 Email: danielle.palladino@ct.gov
Operation Fuel, Inc.	Type of organization: Non-profit (not a financial institution) Contact Name: Kenya Van Eyken Phone: 8602432345 Email: kenya@operationfuel.org
Public Utilities Regulatory Authority	Type of organization: Unit of State Government Contact Name: Frank Augeri Phone: 8608272611 Email: frank.augeri@ct.gov
Southern Connecticut Gas	Type of organization: Utility Contact Name: Jaime Soto Phone: 8662682887 Email: jaimе.soto@uinet.com
The United Illuminating Company	Type of organization: Utility Contact Name: Kathleen Wasilnak Phone: 8007225584 Email: kathleen.wasilnak@uinet.com
United Way of Connecticut	Type of organization: Non-profit (not a financial institution) Contact Name: Lisa Tepper-Bates Phone: 8605717500 Email: lisa.tepperbates@ctunitedway.org

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
04/03/2024	The Public Notice for the Connecticut Weatherization Assistance Program (CTWAP) was issued on March 22, 2024 and was provided to the Connecticut Low-Income Energy Advisory Board (CT LIEAB) for public distribution. The Notice invited public comment through April 26 2024, and Announced the public Hearing to be held April 29th 2024.
04/29/2024	The Notice of Public Hearing for the Connecticut Weatherization Assistance Program (CTWAP) State Plan was issued on April 17, 2024 and was provided to the Public via DEEP Energy Filings, CT Secretary of State Public Meeting Calender, and CTDEEP Weatherization Webpage as well as public distribution lists. The Notice invited provide written public coment on the 2024 State Plan through April 29, 2024 and Solicited public comments on the WAP State Plan at the Public Hearings to be held on the morning and evening of April 29, 2024.

IV.7 Miscellaneous

Recipient Business Officer: Joe Stein

U.S. Department of Energy
Weatherization Assistance Program (WAP)
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Grant Number: EE0009892, **State:** CT, **Program Year:** 2024
Recipient: State of Connecticut

joseph.stein@ct.gov

(860) 424-3559

Recipient Principal Investigator: Brian Biernat

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(860) 827-2983

The Low-Income Energy Advisory Board (LIEAB) is Connecticut's PAC. They meet on the first Wednesday of alternating months.

The Notice of Public Hearing and Notice of Opportunity for Written Comments (Notice) for the CT WAP public hearings provided the public with detailed information including the date, time, and location of the hearings, notice of an opportunity to provide verbal and written comment on the CT WAP State Plan, and information stating that the State Plan could be reviewed and accessed on the CT WAP website. The Notice itself was distributed to the public using multiple methods. It was posted on the CT WAP website and on the Secretary of State public agency calendar. In addition, the Notice was posted on DEEP's energy filings website. Finally, the Notice was personally sent as an attachment to the Low Income Energy Advisory Board (LIEAB) distribution list. LIEAB is designated as CT WAP's PAC, and many of CT WAP's key stakeholders make up its membership.

The State of Connecticut established a Low-Income Energy Advisory Board, in accordance with Connecticut General Statutes Sec. 16a-41b, to assist the Office of Policy and Management and the Department of Social Services in the planning, development, implementation, and coordination of energy-assistance-related programs and policies such as the Low-Income Home Energy Assistance Program. The Board advises the Department of Energy and Environmental Protection regarding the impact of utility rates and policies and the Low-Income Weatherization Assistance Program.

In PY24, CT WAP will apply to DOE for the ability to perform fuel switching and to install alternative energy efficiency measures (such as LEDs, heat pump water heaters, etc.) within the CT WAP formula and BIL fund allocations. Converting fossil fuel-based heating systems to all-electric heat pumps does improve the energy efficiency of a home's HVAC system. While fossil fuel-based heating systems can achieve 90+% efficiency, these systems rely on fuel combustion to create the heat that is delivered to a home. In contrast, heat pumps move heat from outside the home (they do not generate the heat used in the system). Therefore, heat pumps can regularly achieve 100+% efficiency (i.e., they move more heat energy than the energy needed to operate the unit). However, due to different prices for different energy sources – electricity, natural gas, oil, and propane – a home's heating/cooling bills may or may not be reduced with a conversion to a heat pump. Therefore, DEEP commits to working with DOE and the WAP Subgrantees to determine WAP program rules that will ensure conversions to heat pumps are only recommended when bill reductions are reasonably assured. CT WAP will follow the submittal requirements for fuel switching approval detailed in WPN 23-6 Attachment 5 and for alternative measure approval detailed in WPN 23-6 Attachment 6. To attain fuel switching approval, CT WAP will pursue the second option laid out in WPN 23-6 Attachment 5: as a policy administered by the Grantee. CT WAP will work with the selected subgrantees of the formula and BIL allocations to determine how best to incorporate fuel switching into the program and to submit the required submission documents to DOE. CT WAP will ensure that utility bill impacts are evaluated prior to recommending fuel switching to a program participant.

In PY24, CT WAP will also work with the selected subgrantees to explore incorporating solar PV, as allowed by WPN 23-6, into both the formula and BIL programs. CT WAP will use the information gathered during this exploration process to determine if applying for approval from DOE to incorporate solar into the program is appropriate in future program years.

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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

Income means cash receipts earned and/or received by the applicant before taxes. Income does not include the exclusions identified in US Department of Energy (DOE) Weatherization Assistance Program (WAP) guidance, WPN XX-3. Gross income should be used to determine eligibility, not net income.

All households which contain a member who has received cash assistance payments during the preceding twelve-month period under Titles IV and XVI of the Social Security Act, Pub. L. No 88-452, 42 USC Section 2701 et. Seq or applicable state or local law are eligible for Weatherization Services.

WAP eligibility is also extended to the Department of Housing and Urban Development (HUD) means tested programs as outlined in WPN 22-5.

Describe what household eligibility basis will be used in the Program

The federal definition of low income is in accordance with 10 C.F.R. § 440.22(a). A household is eligible for weatherization assistance if occupied by a family unit:

- Whose income is at or below 200% of the poverty level determined in accordance with criteria established by the Director of the Office of Management and Budget.
- Which contains a member who has received cash assistance payments under Title IV or XVI of the Social Security Act or applicable State or local law at any time during the 12 -month period preceding the determination of eligibility for weatherization assistance; or
- Who is eligible for assistance under the Low Income Home Energy Assistance Act of 1981, provided that such basis is at least 200% percent of the poverty level determined in accordance with criteria established by the Director of the Office of Management and Budget.

Connecticut WAP (CT WAP) also considers a household eligible for WAP if they are determined eligible for assistance for the Low Income Energy Assistance Program (LIHEAP) under the Low Income Energy Assistance Act of 1981. Administered by Connecticut's Department of Social Services (DSS), LIHEAP limits program participation to households at or below 60% of state median income. Once a household has been deemed eligible for LIHEAP assistance through the Connecticut Energy Assistance Program (CEAP), the household is also considered automatically eligible for WAP, subject to confirmation of LIHEAP eligibility by DEEP.

Note: The Grantee for CT WAP is DEEP. DSS administers LIHEAP.

- Anyone who is eligible for assistance under a HUD means-tested program, is categorically eligible per the guidelines set forth in WPN 22-5 and consistent with 42 U.S Code § 6863(b)(3).
- Anyone who is eligible for assistance under Connecticut's Conservation & Load Management weatherization program for low-income persons: Home Energy Solutions – Income Eligible (HES-IE) who has been approved through Options A or B of the 2024 HES-IE application, subject to data availability from the HES-IE program operators is eligible to receive WAP services provided the income threshold for this program is 60% state median income, the same as the income threshold for LIHEAP.

Note: The HES-IE application does not have an asset test. For information about how the HES-IE program performs income qualification, see the HES-IE application. ([2023-2024 HES-IE Application ENGLISH FILL.pdf \(energizect.com\)](#)).

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

A household may include "qualified aliens", as used in the Immigration and Nationality Act (INA), as follows (a) an alien who has obtained the status of an alien lawfully admitted for temporary residence under Section 210 of the Immigration and Nationality Act by approval of an application and are categorized as Special Agricultural Workers (SAWS) who perform seasonal agricultural work during a specified period of time; or (b) an alien who has obtained the status of an alien lawfully admitted for temporary residence under Section 245A and 210A of the Immigration and Nationality Act by approval of an application and who is aged, blind and/or disabled as defined in Section 1414 (a)(1) of the Social Security Act (Public Law 74271); or (c) Cuban or Haitian aliens as defined in Public Law 96422, Section 501(e). Clients are

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considered eligible during the application process if they demonstrate ownership of a "Green Card" or demonstrate permanent residence (I551 Alien Registration Card, Passport, I688 Employment Authorization Card, I766 Employment Authorization Document, I94 with R1 or R2 status designation).

V.1.2 Approach to Determining Building Eligibility

Procedures to determine that units weatherized have eligibility documentation

No dwelling unit may be weatherized without documentation of eligibility. At the Subgrantee level, all household income must be calculated per DOE requirements, and the Subgrantee must establish who occupies and owns the property as well as the household income through proper documentation.

Subgrantees are required to verify home ownership by contacting the local assessor's office for a copy of the deed. After review, if the client is not listed on the deed or if there are individuals on the deed who are not listed on the application materials, further review by the Subgrantee is required. This additional review may take the form of a client interview in conjunction with a request for backup documentation verifying the information obtained in the interview. See § 203.6, Proof of Ownership, CT WAP Operations Manual. This process is relevant for renters. Subgrantees are required to verify income for renters as part of the WAP eligibility process.

All households which contain a member who has received cash assistance payments during the preceding twelve-month period under Titles IV and XVI of the Social Security Act, Pub. L. No 88-452, 42 USC Section 2701 et. Seq or applicable state or local law are eligible for Weatherization Services.

Additionally, verification of income eligibility is completed through a combined application process for CT WAP and CEAP. Once a household has been determined eligible for CEAP benefits, that household is deemed automatically eligible for CT WAP. A client is financially eligible for CEAP if the total, annual gross income of the household is at or below 60% of the state median income, adjusted for household size. Some examples of documentation that would verify eligibility for CEAP include documentation of income (i.e., W2 forms), documentation of liquid assets (i.e., checking and savings accounts, stocks, bonds, retirement accounts), and proof of receipt of Temporary Family Assistance or other state or federal cash assistance programs. All documentation of income gathered for CEAP or HES-IE eligibility must be verified by CT WAP staff to confirm eligibility. See §§ 201.3, 202, 202.2, CT WAP Operations Manual.

Additionally, all HUD means-tested properties are categorically eligible to receive weatherization services utilizing existing procedures, processes, and documentation to reduce the burden of the low-income household caused by applying and submitting the same income verification documentation to multiple federal programs. CT WAP will work with the Subgrantee network to create a process to serve all categorically qualified households.

CT WAP will work with DOE and the administrators of the utility managed energy efficiency programs to determine the feasibility of categorically qualifying households to receive weatherization service once they have been means tested through the HES-IE program.

CT WAP has a signed Programmatic Agreement with the State Historic Preservation Office (SHPO) which is used to determine which weatherization measures may be installed in a historic property.

Describe Reweathering compliance

Since many households have never received weatherization services, the state policy documented in the CT WAP Operations Manual is that such homes will be prioritized. Dwelling units weatherized (including dwelling units partially weatherized) under WAP, or under other Federal programs such as LIHEAP, Health and Human Services (HHS), the Department of Housing and Urban Development (HUD) and the US Department of Agriculture (USDA), may not receive further financial assistance for weatherization before 15 years. This 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) or from receiving nonfederal assistance for weatherization. All units that are eligible to be re-weatherized will receive a new energy audit.

CT WAP maintains an electronic database of all homes that were weatherized under DOE WAP, LIHEAP, HUD, and USDA fifteen or more years ago. Subgrantees are provided controlled access to this information for lookback purposes. The Grantee limits and monitors the number of such dwellings that each Subgrantee may weatherize. Homes weatherized under WAP, LIHEAP, HHS, HUD, and/or USDA in the past 15 years are not eligible to be re-weatherized in CT.

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Note: For further reference please see CT WAP Operations Manual 2022 Sec on 203.5

Describe what structures are eligible for weatherization

Most dwellings currently being addressed by WAP in Connecticut are single-family dwellings, both owned and rented. The Subgrantee may not refuse to weatherize an otherwise eligible rental property. Weatherization services are to be provided to owner-occupied and rental properties alike with no priority given to either. Applicants from households who are renting must be ranked and verified in the same manner as households owning the property in which they reside. In most circumstances, the owner/landlord can contribute to the cost of weatherizing a rental property. Financial contributions are not required of single-family landlords or property owners who are themselves at an income level where they would be eligible for weatherization assistance. Mobile homes are eligible for weatherization as well and are reported with the other types of housing stock in the quarterly reports. Caution must be exercised when dealing with non-traditional dwelling units such as shelters, apartments over commercial properties, etc. to ensure they are eligible. Weatherization of these properties must be reviewed with DOE POs prior to weatherization. Weatherization of non-stationary campers and trailers that do not have a mailing address associated with eligible applicants is not allowed. The use of a PO Box for non-stationary campers or trailers does not meet this requirement.

Note: For further reference please see CT WAP Operations and Training Manual 2022 Section(s) 203.1, 203.2, 203.3, 203.9.3, 203.9.4.

Describe how Rental Units/Multifamily Buildings will be addressed

In Connecticut the Grantee shall ensure all rental units are served in accordance with the 10 CFR § 440.22(b)(3), 10 CFR § 440.22 (e). To ensure compliance CT WAP has developed processes and procedures to ensure that:

- o Written permission of the building owner or authorized agent is obtained before commencing work.
- o Benefits of the services primarily accrue to low-income tenants residing in such units.
- o For a reasonable period after completion, the household will not be subjected to rent increases, unless those increases are demonstrably related to other matters than the weatherization work performed.
- o Adequate procedures are in place whereby the Grantee can receive tenant complaints and owners can appeal, should rental increases occur.
- o No undue or excessive enhancement shall occur to the value of the dwelling unit, A properly executed energy audit with and energy conservation measure (ECM of 1 or greater would not constitute an undue enhancement

Connecticut WAP will review and consult with DOE regarding any eligible rental structure brought under consideration for weatherization and all rental properties will be serviced in accordance with the polices and processes outlined in WPN 22-13

Please see the Weatherization Agreement for additional information on how CT WAP will comply with protecting the federal investment and address issues of eviction from and sale of property:

Weatherization Agreement

Landlords shall affirm by signed Weatherization Agreement that they shall not increase the rent paid by eligible tenants of a rental unit that has received weatherization services for a period of two years from the date the weatherization work is completed unless the landlord/property owner can document that the increase is due to factors other than the weatherization assistance performed. In compliance with 10 C.F.R. §§ 440.22(b) (3) and 440.22(e), tenants sign and receive a copy of the agreement, and therefore are aware of the conditions placed on the landlord. Landlords will also agree to charge the same rent to all successor tenants up to the two-year period covered by the Weatherization Agreement. In accordance with 10 C.F.R. §440.22(c), Connecticut may seek an agreement from the landlord to placement of a lien against the landlord's property in the event the landlord does not comply with the rent increase or other prohibitions.

The Weatherization Agreement specifies conditions regarding evictions and/or rent increases because of the weatherization work that is done. If a complaint is filed, DEEP will have the property owner/landlord verify that such actions are justifiable.

In addition to the policy and procedures for rental properties, multifamily properties are also subject to the following policies:

- o Requirement of financial participation, when feasible, from owners of multifamily buildings.

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- For buildings 5+ Units CT WAP will set a requirement that 66% or more of the dwelling units must be income-eligible; and for 5+ unit buildings where significant energy savings can be achieved, 50% or of the dwelling units must be income-eligible.
- 2 and 4 unit buildings are considered eligible if at least 50% of units for duplexes and 4-unit buildings are income eligible. In 3-unit buildings 66% or more of the units must be income eligible

CT WAP will work with our Subgrantees to ramp up small multifamily (2-4 unit) building service over multiple PYs. CT WAP will determine a reasonable ramp up rate through conversations with the Subgrantees. In PY24, CT WAP has a goal of serving at least 23 small multifamily buildings. PY24 formula funds will not be used to weatherize buildings larger than 4 units. Large multifamily buildings (5+ units) will be served using BIL funds as stated in the PY23 WAP BIL State Plan

(<https://portal.ct.gov/-/media/DEEP/energy/weatherization/WAP-BIL-State-Plan/FINAL-WAP-BIL-Master-File.pdf>)

In Connecticut all multifamily housing will be serviced in accordance with the policies and processes outlined in WPN 22-12

Describe the deferral Process

When conditions warrant, it may be necessary to defer work in a dwelling, postponing it until the problem(s) can be resolved.

All serious health and safety (H&S) problems encountered that will either prevent or delay weatherization service delivery are documented on the "Notice of Postponement of Services" form, along with possible solutions. The client is asked to sign this form, which is then signed and dated by a Subgrantee representative. If the client is a renter, a copy is also sent to the landlord. Clients remain eligible, without eligibility reverification, for weatherization services if all H&S concerns triggering deferral are addressed within sixty (60) days of receipt. Should remediation take longer than that, eligibility must be reverified in accordance with State and Federal policy. Work must be completed within 12 months of the reverification eligibility determination date of the client.

Connecticut WAP will implement the DOE Deferral Tracking Tool in PY24 to assist with deferral tracking. Deferral conditions may include any of the following situations:

- The client has known health conditions that would be impacted by the installation of insulation or other measures.
- The building structure or its mechanical systems, including electrical and plumbing, are in such a state of disrepair that failure is imminent, and the conditions cannot be resolved cost-effectively;
- The building has sewage/other sanitary problems that may endanger client/weatherization workers if weatherization work were performed
- The building has been condemned or electrical, heating, plumbing or other equipment has been "red tagged" by local or State building officials or utilities;
- Moisture and drainage problems are so severe they cannot be resolved under existing guidelines.
- Dangerous conditions exist due to high carbon dioxide levels in combustion appliances, high levels of formaldehyde or other pollutants and volatile organic compounds (VOCs), and cannot be resolved under existing guidelines;
- The extent and condition of lead-based paint in the building would potentially create further H&S problems;
- The client is uncooperative, abusive, or threatening to auditor/crew/subcontractors or others who must work in/visit dwelling;
- In the weatherization auditor's judgment, any condition exists which may endanger H&S of work crew or subcontractor (e.g., extremely unsanitary conditions);
- In the weatherization auditor's judgment, illegal activities are taking place on the property;
- Infestation of pests cannot be reasonably removed or creates H&S concern for weatherization workers.
- Client exhibits sign(s) of hoarding behavior that prevents the installation of weatherization measures necessary to improve the home's efficiency;
- Radon levels or the perception of radon related conditions at the site prevent weatherization activities from being permitted by the client.

If at any point after an applicant has been selected from the waiting list the case is denied, Subgrantees must provide a written denial notice to the applicant. The denial notice must clearly state:

- The reason for the denial.
- A citation of all applicable policy manual sections and/or federal regulations on which the decision is based.
- That the applicant has a right to appeal the decision.

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- o That the applicant has fifteen (15) business days from the date of the notice to appeal; and,
- o The procedure for sending an appeal to Subgrantees.

Appeals received after the fifteen-day period should be returned with a notice stating that it will not be considered as it was submitted beyond the deadline.

Subgrantees may use their own official procedure for hearing and appeals decisions. Appealed decisions are to be decided by a Subgrantee staff person, at least one level higher than the person who made the decision on the case eligibility. That person's decision should be communicated to the appellant in writing, no later than ten (10) business days following the receipt of the appeal. If the Subgrantee fails to meet this deadline, the appeal must be automatically forwarded by the Subgrantee to DEEP for action. The appeal decision notice must clearly state the acceptance or denial of the appeal. If accepted, the weatherization process continues where it was left off.

If the appeal is denied, the notice must state:

- o That the appeal has been reviewed and denied.
- o That the appellant has a right to a final appeal to DEEP.
- o That the appellant has an additional ten (10) business days from the date of the second letter to appeal to DEEP; and,
- o The procedure for further appeal to DEEP.

When the appeal is received at DEEP, DEEP will review the case. DEEP may request case file materials and speak personally to Subgrantee staff or the appellant. The appellant and Subgrantees will be notified of DEEP's decision within ten (10) business days of its receipt of the appeal. After DEEP decision is issued, no other administrative appeal steps will be available to the denied applicant. Nothing in this process is to be construed as limiting an applicant's right to seek additional legal and judicial remedy.

CT WAP uses form 14: Notice of Postponement, to comply with the above requirements.

If a deferral is resolved, the project is returned to the queue in the order in which it was initially received and is subject to verification of current eligibility requirements.

Note: For further reference please see CT WAP Operations Manual 2022 Section(s) 204, 204.1, 204.2, 204.3, 424.1, 205, 205.1, 205.2, 205.3, 308.5, 312.4, 313.1, 400, 401,406, 406.3, 407, 408.2, 408.3, 410.1, 411, 412, 414, 416, 417.1, 417.2, 417.3, 417.4, 417.6, 417.9, 418, 419, 420, 421, 424, 424.1, 425, CT WAP Guidance #3, CT WAP Form # 14, and CT WAP PY23 Health and Safety Template.

Weatherization Readiness Funds

Weatherization Readiness Funds (WRF) are designated for use by Grantees to address necessary repairs (health and safety, structural issues, etc.) that may be barriers to Weatherization Activities being funded by the US Department of Energy Weatherization Assistance Program (WAP). This funding is intended to overcome barriers to weatherization. The following is the plan utilized in the state of Connecticut to expend the Weatherization Readiness Funding.

Distribution of Funding:

The State of Connecticut has been allocated \$380,474 for PY 24 and will allocate the funding in the following manner. WRF will only be used in jobs funded by WAP formula funds:

CT WAP Weatherization Readiness Funding	
Connecticut Weatherization Assistance Program (CT WAP) Subgrantees	Amount of Funding
Community Renewal Team (CRT)	\$190,237
Center for EcoTechnology, Inc (CET)	\$190,237
Total	\$380,474

WRF Maximum Per Unit:

The Maximum Per Unit spent to address necessary repairs (health and safety, structural issues, etc.) that may be barriers will be set at \$30,000.

Prioritization of Dwellings:

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WRF prioritization will follow the prioritization criteria used by the WAP program. In addition, WAP will prioritize customers with barriers that do not exceed the WRF Maximum Cost Per Unit (MCPU) and with energy projects that will allow WAP to adhere to its required Average Cost Per Unit (ACPU).

Reporting/Tracking:

All households deferred from receiving weatherization services due to a weatherization barrier being present are tracked according to the process outlined in WPN 23-4. CT DEEP will utilize the DOE Recommended deferral tracker to track all jobs deferred from receiving weatherization services, including jobs that are remediated using WRF funding and jobs that are referred to CT's Residential Energy Preparation Services (REPS) program (CT's 1-4-unit weatherization barrier remediation program) to have the weatherization barrier addressed with other non-WAP and non-WRF funds.

Reporting Categories:

Each subgrantee is required to submit monthly reports to DEEP. Reports must include:

1. Count and descriptions of households assisted, including:
 - a. referral source;
 - b. summary of each completed job;
 - c. categorized expenses that include health and safety measure(s) completed by barrier type(s) and funding source;
 - d. type of households assisted (i.e. single family or 2-4 unit buildings); and
 - e. location of the home;
2. Expenditure allocation of all program funds, including WRF, in the aggregate; and
3. Status of each project (in pipeline, in-progress, or complete).

Subgrantees are required to use the DOE Deferral Tracker spreadsheet to document use of WRF funds to DEEP on a monthly basis.

Eligible Measures:

WPN 23-4 dictates which measures are allowable utilizing the WRF funding. Connecticut will use WRF funds for measures included in WPN 22-7, as well as roof repairs and replacements. The measure list below is not exhaustive and Connecticut may approve additional repairs outside of this list as needed and as aligned with WPN 23-4.

- Roof repair
- Wall repair (interior or exterior)
- Ceiling repair
- Floor repair
- Foundation or subspace repair
- Exterior drainage repairs (e.g., landscaping or gutters)
- Plumbing repairs
- Electrical repair
- Clean-up or remediation beyond typical scope of WAP
- Lead paint
- Asbestos (confirmed or suspected, including vermiculite), mold and/or moisture

The health & safety assessment completed by Subgrantees to determine WRF needs or to refer a WAP job to Connecticut's REPS program will use Program Operation funds, not WRF funding.

Process:

Each one-to-four-unit household serviced by WAP is first screened for any necessary repairs (health and safety, structural issues, etc.) that may be barriers to weatherization activities. If a barrier to weatherization is found by the weatherization Energy Auditor the household is evaluated utilizing the DOE approved health and safety audit. Once the unit is evaluated a scope of work is developed based on the weatherization barriers present.

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Once the barriers are addressed the Energy Auditor returns to the home to verify barriers have been remediated and to complete the energy assessment. All work within a unit using WRF is expected to be completed within a rolling 12 months to align with the expiration of their WAP eligibility notice. All work (both WRF and WAP) on WRF units must be completed and reported to DOE by the end of PY24, as this is the end of the 3-year grant cycle. It is allowable for WRF units to be remediated by the end of PY24 and then for weatherization work to be completed with BIL funds within a rolling 12 months to align with the expiration of their WAP eligibility notice.

Braiding Funds:

The Subgrantees will only be utilizing Weatherization Readiness Funds to address health and safety barriers to weatherization of income-eligible households.

Monitoring:

The proper use of WRF funding is monitored in three ways. First, an inspection of all work completed as part of a unit’s remediation is conducted by the Energy Auditor, who initially halted the energy assessment due to an identified barrier. Once that inspection is completed the household is then served by CT WAP and is subject to 100% final inspection by the service provider QCI and a minimum of 10% inspection by the state QCI with a majority of the households being inspected while work is in progress to ensure quality work is being completed. All Activities conducted utilizing WRF are reviewed as part of Grantee's annual monitoring of Subgrantee activities.

Funding Restrictions:

CT WAP does not propose putting any restrictions on the use of WRF funds outside of the defined allowable scope described in WPN 23-4. Funds for remediation measures will be used exclusively to remediate barriers that prevent the installation of weatherization measures identified in the comprehensive Health & Safety audit.

e Health & Safety audit.

V.1.3 Definition of Children

Definition of children (below age): 6

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.

In accordance with 10 C.F.R. § 440.16(f), low-income members of an Indian tribe who apply for the program will receive benefits equivalent to the assistance provided to other low income persons within Connecticut. CT WAP has not made the recommendation provided in 10 CFR § 440.12(b) (5) that a tribal organization be treated as a local applicant eligible to submit an application pursuant to 10 CFR § 440.13(1). Connecticut law recognizes five Indian tribes: (1) Golden Hill Paugussett, (2) Mashantucket Pequot, (3) Mohegan, (4) Paucatuck Eastern Pequot and (5) Schaghticok. These tribes occupy six (6) reservations within the State.

V.2 Selection of Areas to Be Served

Connecticut uses one or more entities authorized by 10 C.F.R. § 440.14(c)(6)(ii) to deliver services as Subgrantees (subcontractors). These entities have demonstrated experience and performance in weatherization or housing renovation activities; experience in helping low-income persons; and capacity to undertake a timely and effective weatherization program.

The terms “Subgrantee” and “Subgrantees” as well as “subcontractor” and “subcontractors” are used with the same meaning interchangeably throughout this Proposed State Plan, regardless of the number of actual Subgrantee(s)/subcontractor(s) in any given Program Year.

In Program Year 2024 (PY24), DEEP will work with those Subgrantee(s) which are selected out of a Request for Proposals process that took place during PY23 to weatherize manufactured homes and single-family housing with requirements to achieve production goals identified by region in the Proposed State Plan to ensure statewide delivery of services. Subgrantees are under contract for three years contingent upon performance.

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Specifically, to ensure equitable geographic distribution, Connecticut will include target unit production goals by region in Subgrantee contracts. The WAP service territories have been consolidated into two regions, with region 1 containing Middlesex, Tolland, Litchfield, Windham, New London, and Hartford counties and Region 2 containing Fairfield and New Haven counties. County population size and poverty level were determined using several data sources such as the 2019 Connecticut total population estimate and census data. This information was then used to split the counties so that each region would contain approximately an equal number of low-income households.

Subgrantees implemented a Request for Proposals (RFP) for vendors in PY23. Pricing will be updated annually through a competitive pricing scheme.

DEEP will seek the input of the Policy Advisory Council (PAC) which is the Connecticut Low Income Energy Advisory Board (LIEAB) on PY24 program implementation strategies. LIEAB is an independent body whose membership includes stakeholders such as Community Action Agencies, State Agencies, Nonprofits, and Quasi Public Organizations. These key stakeholders assess how to improve the delivery of services statewide in PY24. Through ongoing monitoring as well as training and technical assistance, Connecticut works to ensure that all Subgrantees maintain administrative, programmatic, and technical staff or vendors capable of operating a successful program.

V.3 Priorities

Weatherization Clients determined eligible for the program through LIHEAP or other means-tested application processes are served on a first come first serve basis. If a waitlist develops then an eligible client is added to a waitlist to receive weatherization services. Waitlist service priority is given to the most vulnerable clients, including households with a member who is elderly (60 years and older), disabled, or younger than six (6) years of age. Priority consideration is also given to households with high energy use and High Energy Burden as defined in 10 CFR § 440.3.

Once the most vulnerable clients are served priority is given to clients with whom they have been on the waitlist the longest. All clients are required to reapply on an annual basis to ensure they are still eligible to receive services and no application on the wait list is older than one year. A record is to be kept of the first time the client applied for weatherization to ensure a client does not lose their place on the waitlist when reapplying for weatherization services.

DSS provides to DEEP, by region, the list of households eligible for LIHEAP and provides each eligible household with a notice of eligibility for weatherization which contains information on how to apply for weatherization. These regional lists are provided to the subgrantees who determine prioritization according to the prioritization criteria.

CT WAP will continue to refine the prioritization process to better facilitate cooperation with the Utility Partners and leverage their non-DOE resources to best serve WAP Households.

CT WAP will also work to develop a comprehensive approach to providing weatherization services to ensure equity for all including those who have been historically underserved, marginalized and adversely affected by poverty and inequality.

Definition of High Energy Burden Utilized in Connecticut

Consistent with Operation Fuel's definition of high energy burden in *Home Energy Affordability in Connecticut: The Affordability Gap*, CT WAP considers households spending 6% or more of their household income on energy costs as High Energy Burden sites. Service delivery priority will be provided to those sites. Households with a High Energy Burden are tracked in the monthly reporting template provided to CT WAP by each Subgrantee which is completed utilizing data from the Weatherization Assistant 8.9.1 software. This data is then aggregated quarterly and entered in the PAGE QPR.

Definition of High Energy User Utilized in Connecticut

Connecticut will continue to work with our utility partners and the Connecticut Low-Income Energy Advisory Board to research and develop a definition of High-Energy user that meets the DOE requirements. Service delivery priority will be provided to those sites. Households that are High Energy Users will be tracked in the monthly reporting template provided to CT WAP by each Subgrantee which is completed utilizing data provided by the utility service providers. This will then be aggregated quarterly and entered in the PAGE QPR.

<https://operationfuel.org/wp-content/uploads/2017/12/2017-ConnecticutHEAG-11-27-17-RDC-edits.pdf>

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V.4 Climatic Conditions

Connecticut WAP has implemented the use of the Weatherization Assistant 8.9 audit tool. Climatic conditions from Weather Stations in closest proximity to the weatherized home site will be used for all site-specific WAP analyses.

The IECC 2012 Climate Zone Map recognizes the entire state of Connecticut as within Zone 5.

The Weatherization Assistant 8.9 Audit tool utilizes Hartford, CT as the only weather file located within Connecticut. CT WAP recognizes Hartford, CT as the city which best represents the average climate conditions within Connecticut at 5,894 heating degree days. All site-specific audits conducted within Connecticut will utilize Hartford, CT as the selected weather file.

In accordance with WPN 22-7 Table of Issues, where heating system repair or replacement is required when there is a documentable threat to the occupants' health and safety, those costs are allowable as H&S expenses, unless the SIR is greater than or equal to one (1.0), then the measure shall be installed as an ECM.

Heating degree days were calculated with NOAA Climatic Data (<https://www.weather.gov/wrh/climate>) for a period of twenty-nine (29) calendar years from 1991 through 2020.

Based on this information:

- o The central part of the State averaged 5,995 heating degree days.
- o The southeastern part of the state averaged 5,249 heating degree days.
- o The northeast part of the State averaged 6,068 heating degree days.
- o The northwest part of the state averaged 6,422 heating degree days.
- o The southcentral part of the state averaged 5,732 heating degree days.

Connecticut's average of 5,894 heating degree days justifies heating system repairs or replacement as a H&S measure. Cooling Degree Days are not used in PY23 analyses, but CT WAP will work to develop a plan to address the replacement of cooling systems in collaboration with DOE starting in August 2024. The goal will be to develop a clear process and plan for including cooling system replacements in the PY24 program.

All National Energy Audit Tool (NEAT) and Manufactured Home Energy Audit Tool (MHEA) site-specific audits will reference Hartford, CT weather files to complete audits

V.5 Type of Weatherization Work to Be Done

V.5.1 Technical Guides and Materials

As a threshold matter, all work undertaken by CT WAP is performed in accordance with the DOE-approved, energy audit procedures and 10 C.F.R. § 440 (Appendix A).

Note: All work performed and reported as completed must follow DOE WPN 22-4 and the CT WAP Quality Work Plan requirements, CT WAP Weatherization Field Guide Standard Work Specifications (SWS) Aligned Edition Version, The CT WAP Operations Manual and the current Year State Plan/Master File.

In PY24, DEEP will overhaul the existing CT WAP Operations Manual to reflect the increase in the scale of operations to accommodate servicing small multifamily buildings across the State.

In accordance with WPN 22 - 4, CT WAP will provide Subgrantees and/or contractors with technical requirements for fieldwork including, but not limited to, audit/testing policy and procedures; installation of energy conservation measures (ECM), H&S, and incidental repair measures (IRM), and Final Inspections.

Connecticut WAP routinely reviews this compliance aspect with the Subgrantee at the time of contract execution and obtains an authorized signature of receipt by the Subgrantee.

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Connecticut WAP routinely reviews this compliance aspect within the content of the Subgrantee direct hire and vendor agreements and requires an authorized signature of receipt by the authorized designee of each direct hire or vendor.

Connecticut WAP requires documentation of all executed direct hire and vendor agreements to be provided within 2 business days of full execution of agreements.

All documentation utilized for the purpose of executing contracted services and/or guiding fieldwork shall be fully aligned with Standard Work Specifications (SWS) and contains language that confirms Subgrantee and/or contractor's receipt, cognizance, and confirmation of communicated materials as referenced above. All work performed by CT WAP Subgrantees and/or contractors must be consistent with CT WAP SWS aligned Field standards and SWS aligned Field Guides.

Connecticut WAP has provided electronic links on the program webpage to the Connecticut WAP Quality Work Plan, Connecticut Weatherization Field Guide SWS Aligned Edition and the CT WAP Operations Manual Edition and the Current year State Plan/Master File as part of the executed agreement between the Grantee and subgrantee and the subgrantee and direct hire contractors.

Connecticut WAP shall ensure that all activities will comply with DEEP's Historic Preservation Programmatic Agreement (PA) (2020) and DEEP's NEPA determination. Any activities pursued outside of the allowable activities of the PA or the NEPA Determination shall require an Environmental Questionnaire (EQ1) to be submitted to DOE for review. Both the PA and NEPA Determinations shall be made available to CT WAP Subgrantees.

Connecticut WAP has produced work quality standards that continuously align with DOE WPN 22-4, The CT WAP Quality Work Plan, CT Weatherization Field Guide SWS Aligned Edition , and the current year State Plan/Master File.

Connecticut WAP Monitoring shall conduct an ongoing assessment of Subgrantee staff and contracted resources to ensure that all personnel engaged in installed measures are aware and practicing work standards in compliance with DOE WPN 22-4, The Connecticut WAP Quality Work Plan , The Connecticut Weatherization Field Guide SWS Aligned Edition , The CT WAP Operations Manual Edition and the current year State Plan/Master File.

CT WAP Monitoring shall ensure that 100% of weatherized homes are inspected in compliance with DOE WPN 22-4, The Connecticut WAP Quality Work Plan , The Connecticut WAP Weatherization Field Guide SWS Aligned Edition , The CT WAP Operations Manual Edition and the current year State Plan/Master File.

Connecticut WAP Subgrantee contracts for services with weatherization contractors must also include an acknowledgment of the receipt of communication of links to the Connecticut WAP Field Guide, SWSs, and Standards as outlined in DOE WPN 22-4 Section 2.

Additional Program Information

During PY24 spending limits have been established as follows per household:

- o Up to \$10,000 on ECMs, including Ancillary and Incidental Repair Measures and Program Support Costs, or submit a request for prior Grantee Approval.
- o Up to \$2,500 for H&S Measures or submit a request for prior Grantee approval.
- o Up to \$2,500 for Incidental Repair Costs or submit a request for prior Grantee approval.

Definitions of allowable repairs are as follows:

Major Repairs: Repairs where the cost exceeds \$750. Examples of major repairs include, but are not limited to: Repairing roof leaks, repairing unsafe electrical wiring, and removal of knob and tube wiring for the purpose of installing attic and sidewall insulation.

Incidental Repairs: Repairs necessary for the effective performance or preservation of weatherization installations are allowed for repairing roof leaks, repairing unsafe electrical wiring, and removal of knob and tube wiring for the purpose of installing attic and sidewall insulation. Repairs must be consistent with DOE WPN 19-5.

Minor Repairs: Repairs that may be considered Incidental Repair measures, equal or under \$750 may include cut and finish, access to attics and knee walls, siding repairs, and minor repairs associated with windows, doors, flashing, and masonry moisture infiltration points.

In all cases, the WAP client file must provide clear documentation of the need for the repairs and the relationship with the energy conservation measures that are enhanced or protected directly related to the repair. Documentation must include pictures and detailed descriptions of the repairs and invoiced costs presented by the contractor.

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Note: See WAP Operations Manual Section 311 and Section 702.

Example contract language used in all Subgrantee contracts:

“All work performed must be in compliance with the DOE and CT WAP guidance, the CT WAP Quality Work Plan requirements, CT WAP Weatherization Field Guide SWS Aligned Edition, and the current CT WAP State Plan, available on DEEP’s webpage.

Field guide types approval dates

Single-Family: 8/13/2021
Manufactured Housing: 8/13/2021
Multi-Family:

V.5.2 Energy Audit Procedures

Audit Procedures and Dates Most Recently Approved by DOE

Audit Procedure: Single-Family
Audit Name: Other (specify)
CT WAP is DOE-approved (8/27/2020) to continue to utilize the site-specific, Weatherization Assistant 8.9 (NEAT) Audit tool software. Only measures that achieve an individual SIR of 1 or more are allowed.
Approval Date: 8/27/2020

Audit Procedure: Manufactured Housing
Audit Name: Other (specify)
CT WAP is DOE-approved (8/27/2020) to use the MHEA audit tool software to respond to manufactured home service requests.
Approval Date: 8/27/2020

Audit Procedure: Multi-Family
Audit Name:
Approval Date:

Comments

Site-specific NEAT energy audits shall be performed for all jobs. After dwellings are thoroughly checked for all needed measures, the audit prioritizes the recommended measures by SIR. Except for Health and Safety (and general heat waste) measures, only measures with an individual SIR of one or more are allowed. Health and Safety (H&S) checks, detailed in the H&S Plan and client education, are also an important part of the energy audit process. Subgrantees providing weatherization services review, discuss and explain audit results with the client; provide collateral materials and appropriate contact information.

Connecticut WAP is currently conditionally approved to utilize MHEA for manufactured housing. To retain full approval, DEEP must submit 8 sample audits to DOE. Connecticut WAP will work with the subgrantees to develop a timeline of when these sample audits can be performed and sent to DOE.

Connecticut WAP is currently working with Hancock Software Inc. to implement a weatherization database management system and will transition to the MINT auditing software for single family site-built housing in PY 2024.

State-level Experts continue to closely monitor the NEAT audit tool proficiency of all Subgrantees. In accordance with WAP Memo 113 CT WAP will successfully transition from WAv8 to WAweb by July 1 ,2024. SWS aligned QWP24 Setup libraries will be distributed before July 1, 2024 with actual pricing being updated by each Subgrantee.

CT DEEP pursuant to WPN 23-6 will seek audit tool reapproval at least 6 months before the expiration of the previous approval.

Multifamily: During Program Year 2024, CT WAP will direct Subgrantees to refer all large multifamily weatherization requests to the WAP-BIL weatherization programs, which can provide comprehensive weatherization services to these sites. CT WAP will submit to DOE for approval any multifamily project deemed eligible for services. CTWAP will work with our Subgrantees to ramp up small multifamily (2-4 unit) building service over multiple PYs. CT WAP will determine a reasonable ramp up rate through conversations with the Subgrantees. Large multifamily buildings (5+ units) will be pursued using BIL funds as stated in the approved WAP BIL State Plan. It is estimated that multi-family households will represent

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20% or less of the eligible holds served by CT WAP in PY 2024. All multi-family projects served by CT WAP will be reviewed by DOE on a case-by-case basis/

CT WAP will explore new audit tool approvals for PY24 such as the Hancock MINT Energy Audit tool, which will enable a more streamlined approach to data management and TREAT to address multi-family properties that cannot be served with existing DOE approved audit tools

V.5.3 Final Inspection

The CT WAP mechanism for adjusting Quality Control Inspector (QCI) Final Inspection and QCI In-Process Monitoring rates is based on results and information captured within the Connecticut WAP Quality Control Inspection Report (QCI, QWP23) and the Connecticut WAP Inspection Tracker PY24 Spreadsheets. Within those documents are activity rates stated as percentages, as well as action levels for increased QCI Final Inspection and QCI In-Process monitoring.

Connecticut WAP policy maintains that Subgrantee QCI Final Inspections will be conducted on **100%** of all completed units. Connecticut WAP policy maintains that Grantee QCI Final Inspections will be conducted on at least **10%** of all completed units.

Connecticut WAP policy maintains that QCI In-Process Monitoring will be conducted on at least 10% of all production units as well.

Note: All Final QCI Inspection conducted on work performed and reported as DOE completed CT WAP sites must be in compliance with both 10 CFR § 440.21 and DOE WPN 22-4 and the Connecticut WAP Quality Work Plan requirements, Connecticut WAP Weatherization Field Guide SWS Aligned Edition, and the current year State Plan/Master File.

Attendees that fail to achieve certification beyond that point are required to make arrangements with their respective agencies regarding additional training and testing costs as soon as possible, contingent upon CT WAP approval. Failure of any person to achieve QCI Certification will result in a temporary suspension from additional "comprehensive" training opportunities.

Connecticut WAP has developed specific policies and tracking documents to address DOE prescribed QCI policy for administering quality control inspections. Please see attached Connecticut WAP Quality Control Inspection Report (QCI QWP23) and Connecticut WAP Quality Work Plan.:

Independent QCI: This individual has no direct involvement in the prior work on the home either as the Auditor or as a member of the installation crew. A Grantee or DOE approved representative or third-party QCI will perform at least 10% of all completed units.

Auditor/QCI: The Auditor who performs the audit and creates the work order may also perform the final QCI inspection, although it is preferred for these to be two separate individuals. The auditor cannot be involved in actual installation of measures at the site.

Note: When subgrantees use the Auditor/QCI model, CT WAP will require quality assurance monitoring on a minimum of 10% of all completed units. In addition, Connecticut WAP will conduct ongoing quality assurance monitoring to ensure that the individual dual role of Auditor/Inspector is able to effectively and consistently perform both tasks on a regular basis.

During PY24, CT WAP anticipates an increasing volume of unit completions throughout the PY. CT WAP will assess the need for additional auditors and/or QCIs to ensure complete program coverage.

For additional information see the response to V.8.4 Training and Technical Assistance Approach (PY 2024 Comprehensive Training).

Connecticut WAP will provide specific tracking to evaluate the QCI Inspection process to document the range of controls outlined in WPN 22-4. Each CT WAP QCI Inspection Certificate identifies relationships of Auditor, Auditor/QCI, and/or Independent QCI. Projected monitoring and Final QCI Inspection goals have been created and funds allocated to respond to increased needs as determined necessary.

Final evaluations will be used for the assessment of the effectiveness of Auditors, QCI Inspection Personnel, and Installation services. Disciplinary actions will be gauged and assigned as follows:

- o Level 1: Subgrantee and or Subcontractor has routinely responded to corrective actions 100% effective.
- o Level 2: Subgrantee or Subcontractor has had marginal or insufficient results responding to corrective actions on initial responses. Subgrantee or Subcontractor ultimately addresses all concerns and demonstrates improvement (subject to increased monitoring and inspection).
- o Level 3: Subgrantee or Subcontractor has failed to address corrective actions and or deficiencies repeatedly. (Resulting in temporary

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suspension and disallowed costs).

- o Level 4: Indefinite suspension, defunding of Subgrantee, and Subcontracted resources.

V.6 Weatherization Analysis of Effectiveness

All Connecticut analyses of effectiveness will be conducted in compliance with 10 CFR § 440.14(c)(6)(i), DOE WPN 22-4 and the CT WAP Quality Work Plan (2024) requirements, CT WAP Weatherization Field Guide SWS Aligned Edition, and the current year State Plan/Master File. There is an ongoing evaluation process used to determine the overall effectiveness of each subgrantee. This is done through the annual monitoring processes that are outlined in DOE WPN 20-4, and through an ongoing review process including a midyear assessment of program implementation, as well as:

- o In-depth review of Monthly Status Reports ensuring that all expenditures are accurately reported and within State approved budget limitations;
- o In depth review of each Building Weatherization Report (BWR) to ensure the NEAT, MHEA, or other approved auditing tool Audit list of recommended measures was followed, and to ensure costs of individual measures are within the audit estimate;

The frequency of measures installed is tracked for each subgrantee to ensure statewide consistency; Average job costs are tracked to ensure that the subgrantee is within State mandated limits; and jobs are tracked regionally to ensure adequate and fair coverage across the entire State.

The above process culminates in a payment authorization to the Subgrantee. Any problems or questionable trends are flagged for review or investigation by the monitoring state.

The State also reviews Subgrantee procurement practices of both materials and subcontracting to assure costs are fair and relatively consistent across the state at the time of procurement as part of continuous monitoring.

Productivity and energy savings (tied to productivity) are compared among the regional Weatherization Service Areas on a Quarterly basis.

The goal is a uniformly effective WAP throughout the entire State. Each client served, regardless of town or serving Subgrantee, is expected to receive the same quality service. The State reserves the right to terminate or alter the service area of any subgrantee that cannot meet statewide standards.

Patterns noticed during State site visits will be used to determine T&TA needs (Regular and Comprehensive) at the state and Subgrantee levels. Site visits of specific Subgrantees will be increased if deemed necessary to ensure that training has had the desired effect of reducing issues and corrective actions in the field.

During major monitoring activities, proper delegation of financial responsibilities is confirmed, as well as record retention policies and other financial systems. During regular monitoring activities, as well as major monitoring, we review the tracking of technical compliance, such as Lead Renovation, Repair, and Painting (LRRP) and Health and Safety.

Routine monitoring consists of file reviews, which track installed measure costs. In major monitoring, we review the Subgrantee's procurement procedures as well as analysis of installed measures in file review, to assure measures are being invoiced accurately.

The State is continuously improving its management of WAP by attending NASCSP conferences and orientations, participating in Regional NASCSP conference calls, learning best practices from other states, and leveraging the help and knowledge of the DOE WAP program managers.

Connecticut WAP is continually working with in-state utility partners to evaluate installed measures costs and to utilize a streamlined approach to deliver effective and quality weatherization and energy efficiency services to the Connecticut Low-Income community. The utility administered Home Energy Solutions – Income Eligible (HES-IE) program services 3,000 to 3,500 income eligible homes per year, and CT DEEP and the utilities are continuously working to standardize requirements between the service delivery models. Additionally, CT WAP is working on coordinating with our utility partners to analyze the realized energy savings of the installed weatherization measures more comprehensively.

A continuous improvement approach is used to monitor the Subgrantee(s). DEEP is committed to monitoring the effectiveness of the Subgrantee (s) to improve service delivery.

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CT WAP is committed to effectively integrating diversity, equity, and inclusion objectives into CT WAP. On the Grantee level we foster a welcoming and inclusive work environment and follow the CT DEEP DEI policy. On the Subgrantee level our subgrantees are encouraged to hire workers from historically underrepresented groups. Each subgrantee is also given specific production goals to prioritize service delivery to regions and peoples historically underserved by CT WAP.

As a direct result of the onsite technical monitoring conducted in the summer of PY 2023 and the Ad-Hoc monitoring conducted during the Winter of PY 2024, CT WAP has implemented several changes which are documented in monitoring responses. These changes include adding additional metrics and KPI's to contracts, updating the modeling software inputs, adjusting which measures are screened and allowed per DOE guidance, and providing additional training and technical assistance to the subgrantees to address deficiencies identified in the monitoring report. For additional information please see the monitoring response attached to this application.

DOE adheres to the transparency requirements placed in these and other government financial assistance programs instituted by the administration. DOE will work diligently with any state WAP or local service provider to gather the required information and provide it to the requester. In compliance with 2 CFR § 200.338 retention requirements for records: "No federal awarding agency may place restrictions on a non-federal entity that limit public personally identifiable information (PII) or when the federal awarding agency can demonstrate that such records will be kept confidential and would have been exempted from disclosure pursuant to the Freedom of Information Act (5 USC 552) or controlled unclassified information pursuant to Executive Order 13556 if the records had belonged to the federal awarding agency. The Freedom of Information Act 95 USC 552 (FOIA) does not apply to those records that remain under a non-federal entity's control except as required under 2 CFR § 200.315. If the records had belonged to DOE. DOE would be legally required pursuant to 5 USC 552(b)(6), of the Freedom of Information Act, to keep confidential any specifically identifying information related to an individual's eligibility application for WAP, or the individual's participation in WAP, such as name, address, or income information." Thus, CT DEEP and the local weatherization service providers should extend that same protection to their client records for WAP. States may release information about recipients in the aggregate which does not identify specific individuals such as the number of recipients in a county, city, or a zip code that does not compromise the privacy of recipients.

V.7 Health and Safety

Connecticut WAP has implemented policies and procedures to address health and safety considerations that are in compliance with 10 CFR § 440.16, 10 CFR § 440.18, 10 CFR § 440.21, WPN 22-7 and WPN-19-5. These are included in the Connecticut WAP Health and Safety Plan, CT WAP Operations Manual: Sec. 400 Health and Safety, and QWP 2024 as attachments to this application. CT WAP tracks and budgets Health & Safety funds separate from Program Operations. For PY24, CT WAP has allocated \$306,130 for Health & Safety (this results in an average of \$1,270 per projected unit).

Connecticut WAP recognizes that conducting site-specific assessments, installed measures, quality assurance, and quality control services will present a range of hazards not previously encountered in the WAP. As federal and state policy and procedures are implemented, CT WAP will continuously update the Health and Safety Plan, Operations manual, Field Guide, and related guidance and forms to address how these aspects are managed and tracked from client intake and prioritization of services through unit completion.

Connecticut WAP has begun to develop Training and Technical Assistance Planning to address the post COVID-19 workplace challenges. As federal and state policy is implemented, CT WAP will respond as needed to remain in compliance with all authorities governing WAP service delivery, the current T&TA budgets have been reviewed and allowances have been made for Health and Safety training specific to this demand and will be tracked accordingly.

Please see the attached PY 2024 Grantee Health & Safety Plan found in the MISC. Section of this application for a comprehensive overview of Health and Safety as well as the Operations Manual, CT WAP Forms, Hazard Identification forms and Operations manual found at the following link: [Subgrantee Documents for Connecticut Weatherization Assistance Program](#)

V.8 Program Management

V.8.1 Overview and Organization

WAP administrative policies and procedures are outlined in Section 100 of the CT WAP Operations Manual, which is regularly updated and publicly available online at DEEP's webpage.

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The U.S. DOE Weatherization Assistance Program for Low Income Persons is administered by the State grantee, the Connecticut DEEP. The CT WAP is administered by the Bureau of Energy and Technology Policy (BETP) and is overseen by the Deputy Commissioner. BETP's Bureau Chief oversees the operations of the DEEP staff and Subgrantees delivering the program.

DEEP also has oversight of the ratepayer-funded and Conservation & Load Management residential low-income energy program known as HES-IE. The HESIE program serves the same population as WAP in Connecticut and currently cost shares many measures reported on DOE WAP units. The alignment of the HES-IE program with WAP is a near-term goal of DEEP to ensure the best quality service for the low-income population.

DEEP does not administer the Connecticut Energy Assistance Program (CEAP). The responsibility of administering CEAP belongs to DSS. DEEP works closely with DSS, due to the simultaneous intake of clients into both programs and is developing the integration of some services with LIHEAP services.

BETP administers the State Energy Program (SEP) grant, generally by the same office that administers WAP. HUD/ housing programs are administered through the Connecticut Department of Housing

V.8.2 Administrative Expenditure Limits

Not more than 15 percent of any grant made to a State may be used by the Grantee and Subgrantees 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 Subgrantees 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: 10 C.F.R. § 440.18 (e), and 10 CFR § 440.18(d).

For PY24, CT WAP will be distributing the administrative allocation as follows:

- o **DEEP** – 2.5%
- o **Subgrantee(s)** – 12.5%

In future program years (beyond Program Year 2024), DEEP intends to revert back to the historical allocation of 5% to DEEP and 10% to Subgrantees. However, due to the availability of other federal funds, and the need for Subgrantees to grow and restart services, in Program Year 2024, DEEP proposes to allocate a greater percentage of administrative funding to Subgrantees than historically allocated.

V.8.3 Monitoring Activities

Connecticut's monitoring approach will include the following components: Administrative review of documents and reports related to the organization, operation, and performance of local service delivery.

Monitoring for technical compliance with standards, performance measures, and applicable codes and other policies related to the installation of materials; and Fiscal Audit of financial stability and accountability. CT WAP estimates that approximately 61% of T&TA funds will be used for monitoring activities.

Note: All Monitoring activities will be conducted in compliance with DOE Guidance (WPN 20-4) and the Connecticut Weatherization Assistance Program Quality Work Plan (2024) requirements, Connecticut Weatherization Assistance Program Weatherization Field Guide Standard Work Specifications Aligned Edition, and the current year State Plan/Master File. (For further information refer to the CT WAP Operations Manual sections 300, 400, 500, 600, and 700).

CT WAP recognizes DOE Guidance and references the following CT WAP documents regarding specified approach areas:

Programmatic and Management Monitoring

- o The CT WAP Operations Manual Sections 300, 400, 500, 600, and 800 and the CT WAP SWS-aligned Field Guide.

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- o WPN 224: Subgrantee Monitoring
- o The CT WAP Operations Manual Sections 100, 300, 400, 500, 600, and 700 and the CT WAP SWS aligned Field Guide

CT WAP utilizes WPN 204, 224, and attachment 1 updated Checklists and Operations Manual content specific Subgrantee monitoring activities.

Note: During the current program year, CT WAP will continue to adjust monitoring activities commensurate with the quality of work and the progress demonstrated by the subgrantee. Subgrantee monitoring will accept WPN 204 and 224 Guidance and all other applicable DOE Guidance. CT WAP will perform comprehensive onsite monitoring statewide on an annual basis. Records reviews at the subgrantee's office will involve multiple visits and may be focused on regions of the state, resulting in separate annual monitoring events according to region. At a minimum, there will be a total of at least 12 days of onsite monitoring.

In alignment with WPN 20-4 and 22-4, more frequent monitoring will be conducted at Subgrantees that have been identified as having significant deficiencies. The individual onsite monitoring activities are structured as follows:

- o Comprehensive Administrative/ Fiscal Monitoring (annual) based on the current program year's allocation.
- o Technical Site Visit Monitoring (minimum of 10% of completed units and a minimum of 20% file review of completed units)

Note: While this exceeds DOE minimum standards, the recent audit tool implementation and QWP24standards compliance warrant additional activities to ensure the best outcomes. Actual program year totals may be adjusted to DOE minimum levels if midyear assessments indicate consistent acceptable performance at any Subgrantee.

CT WAP will utilize contracted QCI services via a T&TA Subgrantee to conduct QCI inspection of at least 10% of all reported DOE completed units. As part of our contract(s) with Subgrantees and as a part of our annual monitoring visit, CT WAP will require the Subgrantee to submit their most recent 2 CFR 200 Financial Audit. These audits will be reviewed and approved by DEEP's Business Office. CT WAP will continue to contract the services of a Technical and Monitoring Compliance Consultant via a T&TA Subaward(s) to provide all Quality Control Inspections and field monitoring services. A dedicated, full-time Technical Monitor, employed or contracted by DEEP, will continue to provide monitoring and support services under the direction of Weatherization Program Management.

CT WAP anticipates that Subgrantees will utilize components of the DOE prescribed standard options to conduct Quality Control Inspections as defined in WPN 22-4.

The Grantee developed Quality Control Inspection process will provide for increased flexibility and effectiveness in conducting all QCI and monitoring activities as follows:

- o Each QCI inspection will document the relationship between the individual performing the Quality Control Inspection to the work including; independent status, role in the audit process, and role in any measure installation(s).
- o Each QCI inspection will contain documentation and verification that each quality control inspection is performed in an impartial and complete manner.
- o Each QCI inspection is subject to Grantee level assessment of effectiveness and compliance with program inspection policies and contains documentation of any findings related to the quality of the inspection and impartiality of the inspection process.
- o The Grantee will maintain tracking of all Grantee QCI activities to include all aspects of the Grantee developed QCI process, subsequent corrective actions, and final outcomes.

Contracted resources:

- o Two (2) Contractors who serve as Quality Control Inspector/Technical Monitoring Compliance Consultant/Technical Support
- o Full time
- o Compensation: 100% Grantee T&TA (To include POV Travel & Expenses)

Weatherization State Team Members and their responsibilities for monitoring:

Position	Research Analyst
Office	Office of Affordable Housing Energy Retrofits (AHER)
Responsibilities	Programmatic performance and compliance

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Compensation	State and Federal funding
Travel/Training Funding	100% Federal funding

Position	Research Analyst
Office	Office of Affordable Housing Energy Retrofits (AHER)
Responsibilities	Programmatic performance and compliance
Compensation	State and Federal funding
Travel/Training Funding	100% Federal funding

Position	Research Analyst
Office	Office of Affordable Housing Energy Retrofits (AHER)
Responsibilities	Programmatic Performance and Compliance
Compensation	State and Federal funding
Travel/Training Funding	100% Federal funding

Position	Grants and Contract Specialist
Office	Office of Affordable Housing Energy Retrofits (AHER)
Responsibilities	Fiscal monitoring and contracting
Compensation	State and Federal funding
Travel/Training Funding	100% Federal funding

Position	Supervising Accountant
Office	Central Business Office/Federal Grants Division
Responsibilities	Fiscal monitoring and compliance
Compensation	State Funding
Travel/Training Funding	100% Federal funding

Annual Administrative/Fiscal Monitoring is performed via a team approach made up of Technical and Fiscal Monitoring personnel utilizing the DOE WAP Onsite Monitoring Field/Subgrantee Checklist as well as instruments prepared specifically for use in Connecticut:

- o CT Annual Administrative Review Monitoring Tool
- o CT Annual Administrative Review Fiscal Monitoring Tool
- o CT Field Monitoring Tool for File Review and onsite Field Review CT WAP Field Visit Form

Annual Comprehensive Administrative/Fiscal Monitoring visits, based on historical knowledge, are estimated to require three to five days to complete the review of a single region, with all regions being reviewed for a complete statewide review.

All deficiencies, related findings, and corrective actions are reported to each Subgrantees' Executive Director, Program Director, and Chief Financial Officer, with specific direction for corrective actions, response times, and terms and conditions in the event of failed compliance.

CT WAP reserves the right to disallow any costs associated with any discrepancies identified during any Technical or Fiscal monitoring activity.

Note: Findings such as waste, fraud, or abuse will be reported to DOE immediately.

Subgrantees are subject to removal from the program and will be defunded all remaining allocations if findings remain consistently noncompliant with either State or Federal requirements. Such findings may include, but are not limited to:

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- Consistent production of substandard workmanship, with no measurable improvement Inadequate Fiscal and or Management policy, procedures, enforcement, or controls.
- Failure to improve current Management systems within stated notification time frames and or implementation of corrected policy, procedures, and practices.

Note: Any Subgrantee removal shall result in disqualification for following program year participation.

All Subgrantee monitoring is routinely tracked and analyzed to provide accurate classification of findings to detail specific incidents, resolution timelines, and training requirements necessary for incremental and annual planning and reporting.

By consolidating multiple site visits and file review visits, DEEP aims to optimize the number of onsite visits needed statewide.

Additional Monitoring will be conducted if Subgrantee(s) is (are) found to have difficulties in managing, programmatic, technical, or compliance related delivery of services.

Flexibility in scheduling has been factored into planning to allow additional visits or training as necessary. Additional information will be included in the attached T&TA Planning and Reporting template.

CT WAP routinely and systematically reviews monthly reports and conducts desk reviews of Building Weatherization Reporting to identify any potential monitoring needs.

Technical Monitoring selects projects in various stages of completion and for specific measures to further evaluate Subgrantee's effectiveness and training needs.

Efforts are made to evaluate multiple Subgrantee personnel and contractors engaged in the weatherization process from intake through completion. CT WAP utilizes checklists for all Technical Monitoring activities as follows:

- CT WAP Audit Checklist CT WAP Installer Checklist
- CT WAP BWR Review form
- CT Field Monitoring Tool for Field and On-Site Field Review CT WAP Field Visit Form
- DOE WPN 204 and 224

Note: All Technical Compliance Monitoring will be conducted in compliance with DOE WPN 22-4 and the CT WAP Quality Work Plan (2024) requirements, CT WAP Weatherization Filed Guided SWS Aligned Edition , and the current year State Plan/Master File and USDOE WPN 22-7 Health and Safety Guidance.

CT WAP maintains individual production and cost per unit metrics for each individual Subgrantee and considers these factors in all monitoring activities.

All deficiencies, related findings, and corrective actions are reported to Subgrantee program Management within 30 days of completed monitoring events, except for Health and Safety findings. Health and Safety findings, which may present an imminent danger to the occupants, are immediately reported to Subgrantee management to immediately resolve all issues.

Note: Findings such as waste, fraud, or abuse will be reported to DOE immediately.

Written Monitoring reports delivered to Subgrantee will contain specific details for corrective actions and response times not to exceed 30 days of receipt of notifications. Any response directed to Subgrantee fiscal management that fails to address corrective act on requests within the given time limits will result in disallowed costs of any stated discrepancy. Any disallowed cost will be deducted from subsequent monthly invoicing until resolved to the satisfaction of CT WAP Monitoring. Further, a Subgrantee's failure to respond to a corrective action plan for significant findings will result in an increased number of monitoring visits and an increased frequency of visits until the corrective action is resolved and the State is fully satisfied.

Subgrantees are subject to removal from the program and will be defunded all remaining funds if found to be consistently noncompliant with Federal and State requirements. Such findings may include, but are not limited to:

- Consistent production of substandard workmanship, with no measurable improvement
- Inadequate fiscal and or Management policy, procedures, enforcement, and controls.

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Note: Any Subgrantee removal shall result in disqualification from following Program Year participation.

All deficiencies, related findings, and corrective actions are compiled and tracked to provide an individual assessment of effectiveness for each Subgrantee.

Measures, training needs, and outcomes are routinely reviewed to assure that corrective actions are effective and continuous.

V.8.4 Training and Technical Assistance Approach and Activities

DOE allocates Training and Technical Assistance (T&TA) funding to the states. T&TA funds support state program operations such as analysis, measurement and documentation of program performance, skill development, and local monitoring, to improve program effectiveness.

To ensure the consistent delivery of high-quality weatherization services nationwide the DOE, through a network of Weatherization Professionals, identified and developed a set of core competencies for the various staff positions that implement WAP including the types of training required to increase levels of core competencies for these job categories. The goal is to increase the levels of competencies and expertise in the workforce so that every house that is weatherized receives appropriate, properly installed cost-effective measures.

Although many of the core competencies and job classifications identified are universal, not all the core competencies will be appropriate for the job classifications identified in every state. For instance, testing, repairing, or replacing heating and cooling systems in Connecticut requires certification or licensing from the State. Therefore, the Auditor or Weatherization Installer may not be able to conduct this work. In Connecticut, work on heating and cooling systems must be subcontracted to a licensed contractor outside of WAP. However, just because a heating, ventilation, and air conditioning (HVAC) contractor is licensed by the state does not mean he possesses the competencies required. Additional training for these contractors may be required, or someone at the local agency must be competent in specifying what work the contractor must complete and to verify that the completed work complies with WAP's technical standards.

The DOE also places certain requirements for training and certification including General Hazardous Materials Awareness and specialized curriculum as follows:

- Lead Safe Weatherization (LSW) training for all workers (Optional)
- At least one onsite worker must be an EPA Certified Renovator (RRP)
- EPA RRP training for all State Monitors (Required)

Connecticut is committed to increasing the WAP network's expertise. Numerous program training opportunities and hands-on workshops have been conducted with the goal of maximizing energy savings, minimizing production costs, improving the quality of work, and fostering management expertise. In Connecticut, T&TA funds are primarily used to train state and local weatherization staff on program operations, management, and technical topics. Staff members receive training at national and regional conferences, regional and state training centers, state and Subgrantee provided workshops, and in the field. In PY23 CT WAP received feedback from DOE through technical and ad-hoc monitoring and has incorporated recommended trainings and technical support within the PY24 proposed T&TA plan (see Attachment "Training & Reporting Template" of the T&TA Plan).

Quality Control Inspection personnel must complete DOE approved Comprehensive Training and possess knowledge, skills, and abilities as listed in the National Renewable Energy Laboratories Job Task Analysis and become certified by the Building Performance Institute as a Home Energy Professional Quality Control Inspector. Supervision must be provided to any personnel who does not possess the proper certifications by an individual who currently holds the necessary certifications.

CT WAP Recognizes DOE WPN 22-4 and will implement enhanced training, planning, and tracking that defines training and certification intervals for new hires and the incumbent workforce that are aligned with current NREL Home Energy Professional (HEP) certifications and the position for which the worker is employed.

All comprehensive training is to be provided through an IREC accredited service provider – DEEP currently holds an existing contract with Green Jobs Academy – for the duration of the grant period. CT WAP will strive to ensure that each Subgrantee will have a minimum of two Energy

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Auditors and two Quality Control Inspectors in order to weatherize the expected number of units each program year.

Percent of overall trainings

Comprehensive Trainings:	60.0
Specific Trainings:	40.0

Breakdown of T&TA training budget

Percent of budget allocated to Auditor/QCI trainings:	25.0
Percent of budget allocated to Crew/Installer trainings:	50.0
Percent of budget allocated to Management/Financial trainings:	25.0

V.9 Energy Crisis and Disaster Plan

Disaster Planning:

Connecticut has developed a state response framework, which outlines the roles and interactions of the State government with Federal, Local, Tribal, Non-Governmental, and Private Entities as well as the media and public in implementing emergency response and recovery function in times of crisis. The framework describes actions to be taken and general responses to disasters that require statewide action. The current framework does not identify WAP as a resource for crisis or disaster response.

In the event of a Federal or State declared disaster, Subgrantees may use DOE WAP funds in support of typical weatherization activities and shall prioritize service delivery to those eligible households which fall within a designated area of a declared disaster.

Note: The Subgrantee must determine all insurance claims and other forms of compensation related to damage associated with a Federal or State Disaster Designation.

Allowable measures are limited to those contained within:

- o 10 CFR 440
- o DOE WPN 22-7
- o DOE WPN 24-1

All Costs are to follow the rules applied to the Weatherization Assistance Program as stated in

- o 10 CFR 200
- o CT WAP Operations Manual
- o Generally Accepted Accounting Processes

Energy Related Crisis

The primary energy related crisis facing low-income households in CT is an inoperable heating system during the heating season defined as (October 1 April 30). WAP eligible households with inoperable heating systems will receive priority service delivery to conduct comprehensive site-specific health, safety, and energy efficiency assessments and initiate heating system diagnostics and repair or replacement proposals. CT WAP Subgrantees will ensure that appropriate actions are taken to address heating related responses in a timely manner and deliver high-quality comprehensive weatherization to all sites receiving emergency heating services. Any emergency replacements that cannot be addressed by WAP are referred to the Connecticut Energy Assistance Program (CEAP).

Public Health Emergency

Crisis Planning using T&TA funds is permissible when On-site WAP Service Delivery is suspended due to Public Health Concerns.

CT WAP will provide limited short-term (30-90 day) guidance with respect to the use of DOE WAP funds for the purpose of ensuring program integrity and service delivery of work in progress and preproduction activities associated with the completion of WAP units. All costs will be

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directly accrued to Average Unit Costs for the respective program year.

CT WAP will also provide long-term (90-180 day) guidance with respect to the use of DOE WAP training and technical assistance funds for the purpose of maintaining the integrity and capacity of the Connecticut WAP service delivery network at the State and Local agency levels and report all costs within the respective program year.