

BUDGET INFORMATION - Non-Construction Programs

1. Program/Project Identification No. EE0007952		2. Program/Project Title Weatherization Assistance Program	
3. Name and Address State of Texas P.O. BOX 13941 Austin, TX 787113941		4. Program/Project Start Date 07/01/2019	5. Completion Date 06/30/2021

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 2019 & 2020 WAP Formula Funds	81.042	\$ 1,338,400.00		\$ 15,788,685.00		\$ 17,127,085.00
2.						
3.						
4.						
5. TOTAL		\$ 1,338,400.00	\$ 0.00	\$ 15,788,685.00	\$ 0.00	\$ 17,127,085.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) GRANTEE ADMINISTRA TION	(2) SUBGRANTE E ADMINISTRA	(3) GRANTEE T&TA	(4) SUBGRANTE E T&TA	
a. Personnel	\$ 400,393.00	\$ 0.00	\$ 355,066.00	\$ 0.00	\$ 755,459.00
b. Fringe Benefits	\$ 139,337.00	\$ 0.00	\$ 123,562.00	\$ 0.00	\$ 262,899.00
c. Travel	\$ 0.00	\$ 0.00	\$ 55,440.00	\$ 0.00	\$ 55,440.00
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
e. Supplies	\$ 6,000.00	\$ 0.00	\$ 11,750.00	\$ 0.00	\$ 17,750.00
f. Contract	\$ 0.00	\$ 1,074,206.00	\$ 38,000.00	\$ 1,210,000.00	\$ 15,660,031.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other Direct Costs	\$ 26,272.00	\$ 0.00	\$ 5,500.00	\$ 0.00	\$ 31,772.00
i. Total Direct Charges	\$ 572,002.00	\$ 1,074,206.00	\$ 589,318.00	\$ 1,210,000.00	\$ 16,783,351.00
j. Indirect Costs	\$ 182,179.00	\$ 0.00	\$ 161,555.00	\$ 0.00	\$ 343,734.00
k. Totals	\$ 754,181.00	\$ 1,074,206.00	\$ 750,873.00	\$ 1,210,000.00	\$ 17,127,085.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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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		\$ 1,338,400.00	\$ 0.00	\$ 15,788,685.00	\$ 0.00	\$ 17,127,085.00

SECTION B - BUDGET CATEGORIES					
6. Object Class Categories	Grant Program, Function or Activity				Total (5)
	(1) PROGRAM OPERATIONS	(2) HEALTH AND SAFETY	(3) LIABILITY INSURANCE	(4) FINANCIAL AUDITS	
a. Personnel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 755,459.00
b. Fringe Benefits	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 262,899.00
c. Travel	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 55,440.00
d. Equipment	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
e. Supplies	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 17,750.00
f. Contract	\$ 10,788,742.00	\$ 2,199,974.00	\$ 306,109.00	\$ 43,000.00	\$ 15,660,031.00
g. Construction	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
h. Other Direct Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 31,772.00
i. Total Direct Charges	\$ 10,788,742.00	\$ 2,199,974.00	\$ 306,109.00	\$ 43,000.00	\$ 16,783,351.00
j. Indirect Costs	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 343,734.00
k. Totals	\$ 10,788,742.00	\$ 2,199,974.00	\$ 306,109.00	\$ 43,000.00	\$ 17,127,085.00
7. Program Income	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

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IV.1 Subgrantees

Subgrantee (City)	Planned Funds/Units
Alamo Area Council of Governments (San Antonio)	\$1,256,273.00 168
BakerRipley (Houston)	\$1,895,733.00 260
Big Bend Community Action Committee (Marfa)	\$248,471.00 24
Brazos Valley Community Action Program (College Station)	\$528,027.00 62
Combined Community Action, Inc. (Giddings)	\$360,578.00 39
Community Action Committee of Victoria Texas (Victoria)	\$481,646.00 54
Community Action Corporation of South Texas (Alice)	\$1,695,462.00 232
Community Council of South Central Texas, Inc (Seguin)	\$333,752.00 36
Concho Valley Community Action Agency (San Angelo)	\$307,397.00 32
Dallas County Health & Human Services (Dallas)	\$1,211,934.00 163
Economic Opportunities Advancement Corporation (Waco)	\$456,201.00 52
El Paso Community Action Program, Project Bravo (El Paso)	\$708,643.00 88
Fort Worth, City of (Fort Worth)	\$758,597.00 99
Greater East Texas Community Action Program (Nacogdoches)	\$1,403,298.00 190
Hill Country Community Action Association, Inc. (San Saba)	\$436,324.00 48
Nueces County Community Action Agency (Corpus Christi)	\$280,062.00 29
Panhandle Community Services (Amarillo)	\$443,663.00 51
Rolling Plains Management Corporation (Crowell)	\$668,284.00 83
South Plains Community Action Association, Inc. (Levelland)	\$406,205.00 46
Texoma Council of Governments (Sherman)	\$817,478.00 107
Travis County Health and Human Services and Veterans Services (Austin)	\$484,616.00 57
West Texas Opportunities (Lamesa)	\$439,387.00 50
Total:	\$15,622,031.00 1,970

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IV.2 WAP Production Schedule

Weatherization Plans	Units
Total Units (excluding reweatherized)	1,970
Rewatherized Units	0
Note: Planned units by quarter or category are no longer required, no information required for persons.	

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	1,970
C	Total Units Reweatherized	00
D	Total Dwelling Units to be Weatherized and Reweatherized (B + C)	1,970
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	\$10,788,742.00
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)	1,970
H	Average Program Operations Costs per Unit (F divided by G)	\$5,476.52
I	Average Vehicles & Equipment Acquisition Cost per Unit (from line E)	\$0.00
J	Total Average Cost per Dwelling (H plus I)	\$5,476.52

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	1970	29.3	57721
Prior Year Estimate	871	29.3	25520
Prior Year Actual	631	29.3	18488
Method used to calculate savings description:			
<div style="border: 1px solid black; height: 20px;"></div>			

IV.4 DOE-Funded Leveraging Activities

N/A

IV.5 Policy Advisory Council Members

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

Combined Community Action Inc.	Type of organization: Non-profit (not a financial institution) Contact Name: Kelly Franke Phone: (979)540-2985 Email: KJFranke@ccaction.com
Greater East Texas Community Action Program	Type of organization: Non-profit (not a financial institution) Contact Name: Karen Swenson, Executive Director Phone: (936)564-2491 Email: kswenson@sbcglobal.net
Health and Human Services Commission	Type of organization: Unit of State Government Contact Name: Toni Packard Phone: 5124384290 Email: toni.packard@hhsc.state.tx.us

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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
02/27/2020	TDHCA Board of Directors authorizes release of draft State Plan for public comment.
02/28/2020	Draft State Plan and notice of public hearing posted on the TDHCA website; public listserve announcement sent announcing availability of draft State Plan and public hearing details.
03/06/2020	Announcement of public hearing for draft State Plan published in Texas Register. Public comment period for draft State Plan begins.
03/18/2020	Public Hearing Webinar for the DOE State Plan begins at 2:00 pm (CST). Conducted virtually in accordance with DOE guidance as a result of the COVID19 pandemic.
03/30/2020	WAPAC meeting regarding DOE State Plan.
03/30/2020	Comment period for the DOE State Plan ends at 5:00 pm (CST).
04/23/2020	Final DOE State Plan and list of awardees presented at TDHCA Board of Directors meeting for approval. The meeting also serves as a Public Hearing.

IV.7 Miscellaneous

Recipient Business Officer

Michael De Young
Michael.deyoung@tdhca.state.tx.us
221 East 11th Street
Austin, Texas 78701
(512) 475-2125

Recipient Principal Investigator

Gavin Reid
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221 East 11th Street
Austin, Texas 78701
(512) 936-7828

Policy Advisory Council

The Weatherization Assistance Program Policy Advisory Council ("PAC") currently has four slots and is representative of organizations and agencies and provides balance, background, and sensitivity with respect to solving the problems of low-income persons, including weatherization and energy conservation problems. The PAC meets annually at the end of the public hearing period to discuss the DOE plan and comments received.

Two of the slots, filled by the PAC members from Combined Community Action and the Greater East Texas Community Action Program, represent the low-income elderly and disabled population. The third slot, filled by the PAC member from the Health and Human Services Commission, represents the low-income persons with disabilities population. A fourth slot representing Native Americans is currently vacant.

Liability Insurance

The liability insurance separate line item includes pollution occurrence insurance in addition to the general liability insurance. Most regular liability insurance policies do not provide coverage for potential effects of many health and safety measures, such as lead disturbances and other pollution occurrence items. The Department strongly recommends the Subgrantees require their contractors to carry pollution occurrence insurance to avoid liability for any mistakes the contractors may make. Each Subgrantee should get a legal opinion regarding the best course to take for implementing the pollution occurrence insurance coverage.

2019 ACSI Action Plan (based on 2019 Survey)

After receiving the results of the 2019 ACSI Survey, TDHCA met with the Texas Association of Community Action Agencies (TACAA), representing the network of WAP Subgrantees, to analyze and discuss the results. With TACAA's input, TDHCA worked out a plan of action to address the concerns raised in the 2019 Survey. The action plan includes the following:

1. Provide four separate opportunities to comment on the DOE State Plan to include 1) a two week period of time to provide comments on the Plan before the Department begins drafting the Plan, 2) an informal two week period to comment on the draft Plan before going to the more formal public comment period, 3) the formalized public comment process lasting 25 days, and 4) a public hearing.
2. To enhance the network's familiarity with the Plan, before the formal public comment period closes the Department will explain the importance of the Plan, the reason for the Plan, and the different sections of the Plan to the network during one of the regular WAP network webcalls or via a stand-alone

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webinar.

3. After the DOE Plan has been approved and submitted to DOE, the Department will survey the network asking for their feedback on the Plan development process and asking for suggestions on how to improve the plan process.
4. To ensure contracts are received and executed in time, Department staff will modify internal mechanisms so that boiler contract templates will be routed earlier.
5. Increased training opportunities and individualized Training and Technical Assistance will be provided with the addition of a new highly qualified WAP trainer (i.e. Chad Turner).
6. To improve communication, the Department will request feedback from monitored subgrantees by sending out a Post Monitoring Services survey after each monitoring visit.
7. To address cost allocation issues, the Department will seek out and fund training opportunities provided via third party consultants familiar with State of Texas and federal regulations.
8. Teach and train subgrantees on how to procure for an IREC trainer so they can receive individualized training and certifications on their own.
9. Develop and implement technical courses to increase performance and expenditures.
10. Continue to collaborate with the Compliance Division to develop guidance for subgrantees and to identify training needs amongst both individual subgrantees and the network as a whole.
11. To improve consistency, schedule regular meetings with Program and Compliance staff to discuss rising issues and trends in the WAP network.
12. To improve communication, disseminate to all levels a monthly WAP e-newsletter to mention important WAP related updates.
13. Include all WAP staff at each Subgrantee on WAP emails to ensure information reaches all levels.
14. Continue to update and maintain the TDHCA website regarding WAP best practices and information received from the federal and state levels. Each time an update occurs, TDHCA sends an email to the network notifying them of the update.
15. To assist with increasing certifications within the network, the Department will continue to make available a proctor for QCI testing.
16. Continue to host regularly scheduled network webcalls, provide training for new program managers and new Executive Directors, and individual agency trainings that are personalized to the specific needs of a subgrantee.

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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

Eligibility for program assistance is determined under the Federal Poverty Income Guidelines and calculated as described in 10 TAC §6.4.

Describe what household eligibility basis will be used in the Program

During the LIHEAP application process, households will be screened for DOE Weatherization benefits and determined eligible if their income is at or below 200% of the Federal Poverty Income Guidelines.

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

The Welfare Reform Act, officially referred to as the Personal Responsibility and Work Opportunity Act of 1996, H.R. 3734, placed specific restrictions on the eligibility of aliens for "Federal means-tested public benefits" for a period of five years. As defined in a Federal Register notice dated August 26, 1997 (62 FR 45256) the Department of Health and Human Services (HHS) is interpreting "Federal means-tested public benefits" to include only those benefits provided under Federal means-tested, mandatory spending programs. HHS Information Memorandum LIHEAP-IM-25 dated August 28, 1997, states that all qualified aliens, regardless of when they entered the U.S., continue to be eligible to receive assistance and services under the Low-Income Home Energy Assistance Program (LIHEAP) if they meet other program requirements.

To ensure program continuity between LIHEAP and DOE Weatherization for all Subgrantees operating both programs, the DOE Weatherization Assistance Program will follow the interpretation as adopted by HHS. The Department has provided training and will continue to provide training to those Subgrantees who have elected to use the SAVE system to verify legal status.

The DOE and LIHEAP WAP are in compliance with LIHEAP-IM-99-10, issued June 15, 1999, which states that weatherization in a multifamily building is not a covered activity for status verification.

V.1.2 Approach to Determining Building Eligibility

Procedures to determine that units weatherized have eligibility documentation

Subgrantees maintain a client file for each unit weatherized, including documented proof that the Dwelling Unit is an eligible Dwelling Unit as defined in 10 CFR §440.22. The Department verifies that weatherized units have eligibility documentation during monitoring reviews.

Describe Reweatherization compliance

Texas limits reweatherization to 5% of all units weatherized. To ensure the cap is not exceeded, Subgrantees may not reweatherize a unit without prior approval from the Department.

Reweatherization will be allowed on units that have received weatherization prior to September 30, 1994. A new energy audit must be conducted on each unit reweatherized.

Units may be eligible for reweatherization under 10 TAC §6.403(i) which specifies:

Consistent with 10 CFR §440.18(e)(2), if a Dwelling Unit has been damaged by fire, flood, or act of God and repair of the damage to Weatherization materials is not paid for by insurance; or if a Dwelling Unit was partially weatherized under a federal program during the period September 30, 1975, through September

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30, 1994, the Dwelling Unit may receive further financial assistance for Reweathering.

Describe what structures are eligible for weatherization

10 TAC §6.2 and §6.403 includes the following definitions which describe structures eligible for weatherization:

Dwelling Unit--A house, including a stationary mobile home, an apartment, a group of rooms, or a single room occupied as separate living quarters. (This is the same as the definition for Dwelling Unit in 10 CFR §440.3 Definitions)

Multifamily Dwelling Unit--A structure containing more than one Dwelling Unit.

Rental Unit--A Dwelling Unit occupied by a person who pays rent for the use of the Dwelling Unit.

Shelter--A Dwelling Unit or Units whose principal purpose is to house on a temporary basis individuals who may or may not be related to one another and who are not living in nursing homes, prisons, or similar institutional care facilities.

Single Family Dwelling Unit--A structure containing no more than one Dwelling Unit.

Buildings with more than one Dwelling Unit under one roof must follow 10 TAC §6.414, Eligibility for Multifamily Dwelling Units and Shelters.

Describe how Rental Units/Multifamily Buildings will be addressed

In accordance with 10 CFR §440.22(b)(3), the Department requires that Subgrantees keep on file procedures that address protection of renters' rights, to ensure:

- Written permission of the building owner or his agent before commencing work.
- Cash/in-kind contribution from building owner when feasible.
- Benefits of the services accrued primarily to the low-income tenants residing in such units.
- For a reasonable period of time after completion, the household will not be subjected to rent increases (unless those increases are demonstrably related to other matters other than the weatherization work performed).
 - There are adequate procedures whereby the Grantee can receive tenant complaints and owners can appeal, should rental increases occur.
- No undue or excessive enhancement shall occur to the value of the Dwelling Unit.
- To secure the federal investment and to address issues of eviction from and sale of property, per 10 CFR §440.22(c), Grantees may seek landlord agreement to placement of a lien (or other contractual restrictions) upon the property being weatherized.

The Department will abide by 10 CFR §440.22, ensuring that not less than 66% of the eligible building units (50% for duplexes and four-unit buildings, and certain eligible types of large multifamily buildings) are dwelling units occupied by low-income households, or will become occupied by low-income households, within 180 days under a Federal, State or local government program for rehabilitating the building or making similar improvements. WPN 16-5 provides guidance on the review and verification required for Department of Housing and Urban Development (HUD), Department of Agriculture (USDA), and Low Income Housing Tax Credit (LIHTC) buildings. Assessments and client file documentation for rental units and multifamily units are also detailed in the Multifamily Weatherization Best Practice posted on the Department's website at <http://www.tdhca.state.tx.us/community-affairs/wap/docs/WAP-BP-MFWeatherization.pdf>.

In order to weatherize large multifamily buildings containing 25 or more dwelling units or those with shared central heating (e.g., boilers) and/or shared cooling plants (e.g., cooling tower that use water as the coolant) regardless of the number of dwelling units, Subgrantees must obtain prior written approval through the Department. When necessary, the Department will seek DOE approval.

Subgrantees must submit to the Department a request for approval to weatherize large multifamily buildings. Request for permission must include evidence of significant energy savings because of upgrades to equipment, energy systems, common space, or the building shell. A significant energy savings is defined as having an SIR of 1.0 or greater in the energy audit.

Describe the deferral Process

A Dwelling Unit shall not be weatherized when there is a potentially harmful situation that may adversely affect the occupants or the Subgrantee's weatherization

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crew and staff, or when a Dwelling Unit is found to have structural concerns that render the Dwelling Unit unable to benefit from weatherization. The Subgrantee must declare their intent to defer weatherization on an eligible unit on the assessment form. The assessment form must include the client's name and address, dates of the assessment, and the date on which the client was informed of the issue in writing. The written notice to the client must include a clear description of the problem, conditions under which weatherization could continue, the responsibility of all parties involved, and any rights or options the client has. A copy of the notice must be given to the client, and a signed copy placed in the client application file. Only after the issue has been corrected to the satisfaction of the Subgrantee shall weatherization work begin.

If structural concerns or health and safety issues identified (which would be exacerbated by any weatherization work performed) on an individual unit cannot be abated within program rules or within the allowable WAP limits, the unit exceeds the scope of this program.

Crewmembers or contractors who work on a unit that could or should be a deferral or walk-away do so at their own risk.

V.1.3 Definition of Children

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

V.1.4 Approach to Tribal Organizations

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

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

The 70th Texas Legislature created the Native American Restitutionary Program (Oil Overcharge Restitutionary Act, Texas Government Code, Chapter 2305) for the purposes of providing oil overcharge restitution to Texas Native Americans. In the Texas WAP, the Native-American Indian population is treated and served in the same manner as other applicants.

V.2 Selection of Areas to Be Served

The Texas WAP is available to eligible low-income households in all 254 counties of the state. Subgrantees are held responsible for all intake, eligibility, and weatherization activities. If the Subgrantee's performance record is satisfactory according to both state and federal regulations, then the Department may offer to renew the contract if the Subgrantee so desires. The Department's award committee may decline to recommend an award or place conditions on an award based upon its previous participation review as outlined in 10 TAC §1.302.

New or additional DOE subgrantees for counties that become unserved by the DOE WAP will be selected according to DOE regulations found in 10 CFR §440.15 and 10 TAC §1.302. If the Department determines it is necessary to permanently reassign a service area to a new subgrantee, the subgrantee will be chosen in accordance with 10 CFR §440.15. A new or additional subgrantee is defined as a CAA or other public or nonprofit entity that is not currently operating a Department-funded Weatherization Assistance Program. All counties are served by 22 Subgrantees.

The Department may deobligate all or part of the funds provided under this contract as outlined in 10 TAC §6.405. A Subgrantee's failure to expend the funds provided under this State plan in a timely manner may also result in the Subgrantee's ineligibility to receive additional funding during the program year.

Formula Distribution

The Department updates the budget allocation proportion by county and Subgrantee based on poverty income, elderly poverty, median household income (from the 2010 U.S. Census data), and climate data (from the National Climatic Data Center, Climate Normals, 2010), as outlined in 10 TAC §6.404.

The Department allocates funds to Subgrantees by applying a formula based upon the DOE allocation for program year; or if the allocation amount is not known, based on an assumption of level funding from the previous program year. Once the allocation amount is known, the formula is re-run. The allocation formulas reflect the 2010 Census data. If any carryover funds are available, they will be distributed by allocation formula and used to increase the number of units to be weatherized. The Department will adjust guidance to reflect the adjusted average expenditure limit per unit for the program year.

The fund allocations for individual service areas are determined by a 5-factor distribution formula as outlined in 10 TAC §6.404:

(1) Number of non-elderly poverty households per county;

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- (2) Number of elderly poverty households per county;
- (3) Median income variance per county;
- (4) Inverse poverty household density ratio per county; and
- (5) County Weather Factor (Heating/Cooling Degree days per county) as a portion of State County Weather.

V.3 Priorities

The Department will ensure by contract that its Subgrantees give priority to weatherizing dwellings owned or occupied by low-income persons who are particularly vulnerable such as the Elderly, Persons with Disabilities, Families with Young Children, Households with High Energy Burden, and Households with High Energy Consumption. Applicants from these groups must be placed at the top of a Subgrantee's waiting list. The Department ensures that Subgrantees give proper attention to these requirements through monitoring/evaluation of the Subgrantee.

V.4 Climatic Conditions

The climatic conditions for the State of Texas are imbedded in the algorithms of the Weatherization Assistant (WA 8.9) energy audit software tool engineered by the Oak Ridge National Laboratory for the Department of Energy. As part of the energy audit modeling, the Department requires the Subgrantee network to select the nearest weather station to the dwelling units. The Weather files imbedded in the WA 8.9 contains 30 year data of Heating and Cooling degree days for each weather station.

As described in the report prepared by the Pacific Northwest National Laboratory & Oak Ridge National Laboratory for the Department of Energy, the state of Texas has several IECC climate zones. http://apps1.eere.energy.gov/buildings/publications/pdfs/building_america/ba_climateguide_7_1.pdf.

These climate zones are used as an aid in helping Subgrantees to identify the appropriate climate designation for the counties in which they are providing WAP services. In addition to prescribing appropriate mechanical equipment (example of climate specific measures would be evaporative cooling which may be prescribed in the Hot Dry climate of Texas and not in the Mixed Humid part of Texas) the IRC prescriptive thermal envelope of measures are different. The climate zones found in Texas are as follows:

1. Hot-Humid

A hot-humid climate is defined as a region that receives more than 20 inches (50 cm) of annual precipitation and where one or both of the following occur:

- A 67°F (19.5°C) or higher wet bulb temperature for 3,000 or more hours during the warmest six consecutive months of the year; or
- A 73°F (23°C) or higher wet bulb temperature for 1,500 or more hours during the warmest six consecutive months of the year.

IRC Prescriptive Thermal Envelope Measures:

Zone 2A		Zone 3A	
Ceiling	R 38		R38
Windows	U 0.40		U 0.35
Walls	R13		R13 + 5
Floors	R13		R19
SHGC	0.25		0.25

2. Hot-Dry

A hot-dry climate is defined as a region that receives less than 20 inches (50 cm) of annual precipitation and where the monthly average outdoor temperature remains above 45°F (7°C) throughout the year.

IRC Prescriptive Thermal Envelope Measures:

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Zone 3B

Ceiling	R38
Windows	U 0.35
Walls	R13 + 5
Floors	R19
SHGC	0.25

3. Mixed-Humid

A mixed-humid climate is defined as a region that receives more than 20 inches (50 cm) of annual precipitation, has approximately 5,400 heating degree days (65°F basis) or fewer, and where the average monthly outdoor temperature drops below 45°F (7°C) during the winter months.

IRC Prescriptive Thermal Envelope Measures:

Zone 3A

Ceiling	R38
Windows	U 0.35
Walls	R13 + 5
Floors	R19
SHGC	0.25

4. Mixed-Dry

A mixed-dry climate is defined as a region that receives less than 20 inches (50 cm) of annual precipitation, has approximately 5,400 heating degree days (50°F basis) or less, and where the average monthly outdoor temperature drops below 45°F (7°C) during the winter months.

IRC Prescriptive Thermal Envelope Measures:

Zone 4

Ceiling	R49
Windows	U 0.35
Walls	R13 + 5
Floors	R19
SHGC	0.40

In addition to the 2015 IRC adopted by the State of Texas, several individual cities have adopted amendments to the code. The adoption and amendments to the 2015 IRC impact the WA 8.9 energy audits in that cities are required to evaluate user defined measures to meet the codes adopted by each individual City.

V.5 Type of Weatherization Work to Be Done

V.5.1 Technical Guides and Materials

Technical Guides and Materials

All technical guides (for all single family, mobile home, and multifamily buildings) and materials meet the specifications, objectives and desired outcomes outline in the Standard Work Specifications (SWS). Provided below is an electronic link to all the current, DOE approved field guides and/or standards for single family, mobile homes, and multifamily buildings as well as all other relevant program guidance materials. These materials are available to all Subgrantees and contractors at any time.

<http://www.tdhca.state.tx.us/community-affairs/wap/guidance.htm>

Further, the Department has several Weatherization Best Practices posted at: <http://www.tdhca.state.tx.us/communityaffairs/wap/wapbestpractices.htm>

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Best practices are developed based upon repeat questions that require more clarity than simply an FAQ. These have proved highly effective in multiple ways: increased compliance, better understanding on how to assess and proceed, increased consistency across the Network, and reduction in calls for same issues. They often have multiple references and are based upon sound building science principles.

Materials and Work Standards

Subgrantee will include the substance of this section in all subcontracts.

A. Subrecipient shall weatherize eligible dwelling units using only weatherization materials which meet or exceed the standards prescribed by DOE in Appendix A of 10 CFR Part 440 and added approved materials noted in WPN 19-4.

B. All weatherization measures installed shall meet or exceed the standards prescribed by DOE in WPN 15-4 regarding Standard Work Specifications, as detailed in the Department's Standard Work Specifications. All Subrecipient agreements and vendor contracts contain language which clearly documents the SWS specifications for work quality outlined in WPN 15-4, Section 2. A signed contract shall confirm that the organization understands and agrees to these expectations.

C. All weatherization work must be performed in accordance to the DOE approved energy audit procedures, 10 CFR Part 440 Appendix A, State of Texas adopted International Residential Code (or that of jurisdictions authorized by State law to adopt later editions).

Field guide types approval dates

Single-Family: 6/15/2018

Manufactured Housing: 6/15/2018

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)

NEAT: DOE Approved June 2, 2016

Approval Date: 6/2/2016

Audit Procedure: Manufactured Housing

Audit Name: Other (specify)

MHEA: DOE Approved June 2, 2016

Approval Date: 6/2/2016

Audit Procedure: Multi-Family

Audit Name: Other (specify)

NEAT: 5-24 individually heated and cooled units - DOE Approved June 2, 2016. For Multifamily buildings of 25 units or more the Department will seek DOE approval prior to the installation of any weatherization measures.

Approval Date:

Comments

TDHCA will submit to its Project Officer a request for approval of an audit tool by November 30, 2020, according to the instructions as described in WPN 19-4 and Attachment 1 of WPN 19-4. Prior to this date, TDHCA WAP staff will examine whether or not the current already-DOE-approved audit tool (i.e., NEAT and MHEA) is sufficiently identifying the most cost effective Energy Conservation Measures to install in homes across the various climate zones in Texas.

V.5.3 Final Inspection

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The Department has provided Subgrantees with sufficient T&TA funding to obtain and/or maintain required QCI and MF-QCI certifications by an IREC certified training provider. The Department tracks Subgrantee compliance with unit inspection requirements of WPN 15-4.

The Department has six certified QCI staff who maintain their certifications. The Department annually requires all Subgrantees to report the following for determining the number of units that the Department will inspect for compliance at each agency:

Option 1 (at minimum 5% compliance final inspection required): The Subgrantee will NOT allow the QCI staff member (or third party QCI) who conducts the Final Inspection on any DOE funded/reported unit to perform any other aspect(s) associated with that same unit. E.g., Initial Assessment, NEAT Audit, Work Order, etc.

Option 2 (10% compliance final inspection required): The Subgrantee will have a QCI staff member conduct the Final Inspection on every DOE funded/reported unit AND will also perform other aspect(s) associated with that same unit. E.g., Initial Assessment, NEAT Audit, Work Order, etc.

NOTE: As scheduling permits, compliance will conduct 10% final inspections on completed units for Option 1 as well.

TDHCA survey's the WAP network annually to determine which option is appropriate for each Subgrantee while developing the monitoring schedule. Prior to conducting an onsite monitoring, the option will be verified to ensure an adequate number of units are inspected.

All units are inspected by a certified QCI. In addition to final inspections, a completed QCI Final Inspection Certification Form is required. [QCI Final Inspection Certification Form \(PDF\)](#).

Subgrantees are required to follow work standards as per the SWS guidelines. This requirement is within Subgrantee contracts, and the SWS guide is posted on the Department [Program Guidance](#) Webpage.

All units must meet DOE requirements and pass a QCI inspection. Any unit that fails to be brought into compliance results in disallowed costs and a finding for the reason(s) of the disallowed cost is issued in the monitoring report. The initial T&TA is provided by training staff with email guidance providing resources to resolve the findings. This is then followed by individualized T&TA, or a referral to the appropriate Comprehensive training provider, as deemed appropriate.

V.6 Weatherization Analysis of Effectiveness

Pursuant to 10 TAC, Chapter 1, Subchapter C, §1.302, a review of a Subgrantee's compliance history in Department programs must be approved by the Department's Executive Award and Review Advisory Committee (EARAC) and provided to the Department's Board of Directors in order that the Board may consider the compliance history and make and document its award decisions with full knowledge of these matters. Prior to the award of DOE funds to any Subgrantee, EARAC reviews:

1. Summary information regarding findings identified during the last three years; and
2. If the Subgrantee is subject to the requirement of an annual single audit:
 - A. A report of any required single audit or single audit certification form that is currently past due;
 - B. If such single audit has been submitted to the Federal Audit Clearinghouse; and
 - C. If the most recent single audit report contained findings.

The Subrecipient Monitoring section, within the Compliance Division, submits information regarding its monitoring activity to EARAC. If EARAC finds that a Subgrantee has outstanding monitoring issues, their WAP award may be subject to conditions intended to avoid future noncompliance, and limit disallowed costs.

Issues identified during this review make the Subgrantee aware of areas requiring attention, both from a monitoring standpoint and a T&TA standpoint. The reviews not only hold the Subgrantee accountable, they also give the monitoring and T&TA sections guidance in planning future activities.

T&TA staff are copied on all monitoring reports and/or a staff meeting is held for monitors to debrief T&TA staff after each visit. In those meetings, monitoring staff relay issues found related to the Subgrantee as well as overall trends identified. Following the monitoring report, T&TA staff provide an initial email to the Subgrantee to provide resources for identified issues. T&TA staff applies this debrief information when determining the needs for agency-wide specific T&TA and to plan training curriculum.

Further, Subgrantee performance is reviewed periodically and at the end of the program year. The Department tracks subgrantee performance over time by reviewing their monthly production and expenditure reports. Subgrantees are required to submit a Production Report on the 15th of each month. If staff determines that a benchmark is missed or a subgrantee is falling behind on expenditure and/or production, a letter is issued from the Department and the subgrantee is required to submit a written Mitigation Action Plan according to 10 TAC §6.405.

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Additionally, based upon monthly submitted performance and expenditure reports, individualized TA is provided to ensure full expenditure and an adequate rate of production. T&TA staff analyze the reports submitted by subgrantees and provide T&TA when necessary. Such T&TA may include a course on production oriented management, proper reporting, procurement, and/or other relevant topics.

Analysis of reports includes the following:

- Number of homes completed;
- Number of applications pending;
- Number of homes in progress;
- Contract amount;
- Total funds expended;
- Balance of funds; and
- Special comments

The Department enforces the Deobligation/Reobligation of Awarded Funds rule as laid out in 10 TAC §6.405. While the Department's performance review process has not achieved full expenditure of funds each Program Year (e.g., PY 2017 due to Hurricane Harvey), the Department continuously assesses its processes and researches potential modifications in order to improve. For example, the Department has a Program Specialist who is tasked with the responsibility of overseeing the performance and expenditure report and production schedule process and to provide technical assistance to individual subrecipients who are on the pathway to non-expenditure of the full amount of their allocation.

V.7 Health and Safety

Attached to SF-424

V.8 Program Management

V.8.1 Overview and Organization

The Department is the state's lead agency responsible for affordable housing and community assistance programs. The Department annually administers funds derived from mortgage revenue bond financing and refinancing, federal grants, and federal tax credits.

In 1991, the 72nd Texas Legislature created the Department. The Department's enabling legislation combined programs from the Texas Housing Agency, the Community Development Block Grant Program from the Texas Department of Commerce, and the Texas Department of Community Affairs.

On September 1, 1992, two programs were transferred to the Department from the Texas Department of Human Services: the Low Income Home Energy Assistance Program and the Emergency Nutrition and Temporary Emergency Relief Program. Effective September 1, 1995, in accordance with House Bill 785, regulation of manufactured housing was transferred to the Department. In accordance with House Bill 7, effective September 1, 2002, the Community Development Block Grant and Local Government Services Programs were transferred to the newly created Office of Rural Community Affairs. Effective September 1, 2002, in accordance with Senate Bill 322, the Manufactured Housing Division became an independent entity administratively attached to TDHCA. As a state agency, the Department is under the authority of the Governor of the State of Texas.

The Department's services are offered through three program categories: Single Family Programs, Multifamily Finance Production, and Community Affairs, which administers the WAP.

The Department subcontracts with a network of Subgrantees that provide the WAP services. The network is comprised of community action agencies (CAAs), regional Councils of Government (COGs), and organizations in the other public or private nonprofit entity category (PPNPs). All network Subgrantees are provided a draft copy of the yearly weatherization state plan and a notice of the state public hearing. The public and all Subgrantees are invited and encouraged to participate in the public comment process.

Historically, the regular weatherization program year ran from April through March. Starting PY 2015, the weatherization program year has run from July

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through June.

The Department will continue to administer the program through Subgrantees in accordance with 10 CFR §440.15 provisions and State regulations. If existing Subgrantees are successfully administering the Program, the Department will offer to renew the contract if the Subgrantee so desires and if grant funds are available. When the Department determines that an organization is not administering the program satisfactorily, it may take the following action:

- Correction of the problem(s) with training or technical assistance;
- Re-assignment of the service area (or service area portion) to another existing Subgrantee; or,
- Solicitation or selection of a new or additional Subgrantee in accordance with 10 CFR §440.15 provisions.

A new or additional Subgrantee is defined as a CAA or other public or nonprofit entity that is not currently operating a DOE Weatherization Assistance Program.

Consolidation/downsizing: Any downsizing will occur through normal attrition through a Subgrantee's determination that it can no longer administer the program efficiently/effectively, or through the Department's determination that a Subgrantee can no longer administer the program efficiently/effectively.

Reassignment of service areas for just cause: In the event that a service area can no longer be served by a Subgrantee, the Department reserves the right to reassign service areas. If it appears necessary to permanently reassign the service area, a new Subgrantee may be chosen in an open, competitive solicitation process in accordance with 10 CFR §440.15, or the reassignment may become permanent.

V.8.2 Administrative Expenditure Limits

The Department will use 5% of its grant funds for state administration. An additional 5% will be distributed for local WAP field operations under contract. Contract funds are intended for local administration, liability insurance coverage, local fiscal audit, materials, labor, program support and health and safety measures. To help ensure that Subgrantees comply with the full and proper use of all the contract funds, written definitions are to be provided to Subgrantees on budget categories as deemed necessary. The Department has elected to provide the maximum allowable funds for Subgrantee administration to Subgrantees receiving less than \$350,000, so it has not included procedures for deciding which Subgrantees will receive additional funds. This decision is based on the following factors:

- Subgrantees often have to rely on other programs for WAP outreach and other administrative support;
- Subgrantees have had to adjust budgeting to keep pace with cost-of-living increases -- staff salaries, fringe benefits, rent, postage, travel, etc.;
- The State of Texas is 877 miles from Northern to Southern tips, 834 miles from Eastern to Western tips, and is comprised of a total of 266,807 square miles. The extra geography that Subgrantees have to cover to serve all the area's clients equitably requires additional staff, staff time, postage and phone costs, and vehicle wear and maintenance. (Source of Mileage Data: Texas Department of Transportation);
- Salaries, space, utilities, telephone, and similar costs associated with program support personnel should be charged to program support; and
- The increasing cost of maintaining appropriate qualified staff is challenging.

For Subgrantees receiving over \$350,000, the administrative allowance will be 5% of each subgrant. For Subgrantees receiving less than \$350,000, the administrative allowance will be 10% of each subgrant.

V.8.3 Monitoring Activities

The Department will monitor the Weatherization Assistance Program ("WAP") with the Monitoring staff included in the budget. Subgrantee is defined as an organization with whom the Department contracts and provides WAP funds.

Names and credentials of Department staff dedicated to monitoring DOE activities are:

- Robert Moore - over 8 years of weatherization experience as a Texas WAP Subgrantee, QCI certified, BPI & Lead certified, OSHA30
- Ben Rose - over 4years of weatherization experience as a Texas WAP Subgrantee, QCI certified, BPI & Lead certified
- Kevin Glienke – over 8 years of weatherization monitoring experience; BPI Certified; has attended DOE sponsored conferences; QCI certified

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All staff listed above conduct fiscal/administrative and inspection monitoring activities and are paid for out of administration (10%) and T&TA (30%) budget categories.

Compliance Subrecipient Monitoring is staffed with nine additional monitors not dedicated to weatherization. All of these qualified monitors may be tasked with fiscal and programmatic activities though funds provided by this State plan.

The Department will monitor each of the DOE Subgrantees during the contract period which will be July 1, 2020 through June 30, 2021. Many of the DOE Subgrantees also receive funds through the Department of Health and Human Services Community Service Block Grant and Low Income Home Energy Assistance Program. Whenever possible, all three programs will be monitored during one visit to the Subgrantee.

(See attached PY2020 Tentative Monitoring Schedule)

The Department understands DOE's expectation and will conduct at least one on-site visit annually to each Subrecipient for technical and fiscal/administrative monitoring.

Financial and Administrative monitoring will include, at minimum, a review of the Subgrantee's General Ledgers and policies and procedures (including procurement) as well as support documentation for reported expenditures. These documents will be reviewed to ensure compliance with DOE, Department and other applicable rules and regulations. The Department will monitor for eligibility through sampled client file reviews. Through sampled unit inspections, Department staff will monitor for installed measures that are allowable and meet or exceed DOE requirements. The Department will review whether charged measures were installed properly and determine compliance with health and safety procedures, client eligibility, energy audit procedures, client education procedures and compliance with the SWS.

The Department will inspect 5% of all completed weatherized units. In order to achieve the 5% inspection rate and comply with the requirements of WPN 15-4, the Department is requesting that Subgrantees with a QCI on staff do not have that staff member involved with the weatherized unit prior to final inspection. The Department defines prior involvement as performing the audit, creating the work order or performing any weatherization work on the weatherized unit. The Department has created a QCI Final Inspection Form for Subgrantees which will allow TDHCA to determine if a QCI employed by the Subgrantee had prior involvement with that unit. The Department will review each sampled QCI final inspection document to ensure compliance with the requirement to inspect 5% and will increase the required inspections if necessary.

The Department recognizes that there may be a need to perform additional unit inspections towards the end of the contract period to comply with the requirements of WPN 15-4 if there were not enough units available to sample during the full monitoring review.

More frequent monitoring visits (Fiscal/Administrative and/or Technical) may be conducted for Subgrantees with significant identified risk.

Monitors will complete evaluation instruments to determine a Subgrantee's compliance. The instruments cover Financial and Administrative requirements, health and safety procedures, client eligibility, energy audit procedures, client education procedures, and compliance with the SWS. Compliance Monitors also review the hard copy of the NEAT or MHEA audit which is required to be in the client file to assure that the scope of the work was directed by the audit.

Monitors scan documents as support if findings are noted.

The following list provides additional monitoring details that may occur during the monitoring review:

- Monitors may request copies of fiscal records/support documentation and perform a desk review to gauge the fiscal condition of the Subgrantee prior to onsite monitoring.
- As needed, monitors may perform a desk review of records requested but not provided during the onsite review and records requested to clarify issues identified during the onsite monitoring visit. The Department recognizes the requirement to issue the monitoring letter within 30 days of the review. The Department does not consider the review complete until receipt of information needed to ascertain compliance. Monitoring letters will be issued within 30 days of receipt of all necessary information.
- Monitors may test that weatherization activities including but not limited to: energy audits, energy conservation measures, incidental repair measures and health and safety measures are only performed by properly trained Retrofit Installer/Technicians, Crew Leaders, and Energy Auditors that have received comprehensive training (not necessarily certification) that is aligned with DOE's Job Task Analysis for the position in which the weatherization worker is employed.

The Department will issue monitoring reports within 30 days of completion of the review. Subgrantees are provided a 30 day corrective action period to respond and provide evidence of correction. On a case by case basis, the Department may grant an extension to respond to the report if there is good cause

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and the request is made during the corrective action period. The Department will review each response and determine if the Subgrantee has resolved the compliance issue. If the Department determines the issue is not resolved, the Subgrantee will be notified and required to submit an additional response(s) until the compliance issue is resolved. In certain circumstances, the Department may “close” a compliance issue when there remains no additional actions that can be taken to resolve the issue. At the conclusion of this process, any unresolved compliance issues will be reported to DOE, as will any noncompliance that appears in two consecutive monitoring reports. Instances of suspected fraud, waste, or program abuse will be reported immediately to DOE and the Texas State Auditors Office.

The Department will review the annual financial audits of each Subgrantee agency. The Department requires each Subgrantee to complete an Audit Certification form within 60 days of the end of the entity’s fiscal year. This is used to determine if a Single Audit is required. All single audits and management letters must be uploaded to the Federal Clearinghouse within nine months of the Subgrantee’s fiscal year end. Upon receipt of the Single Audit, a review is completed to determine if the packet submitted is complete and all opinions are provided. If the audit contains findings, they are reviewed and discussed by the Director of Internal Audit, the Director of Compliance and staff to determine the appropriate steps to ensure the entity corrects the issues identified in the audit report or management letter. The Department issues correspondence to the entity, identifying that corrective action measures must be performed and requiring that support documentation be provided. The entity is provided a time frame to complete the corrective action and to respond to the correspondence. The entity must correct all identified issues within six months of the Single Audit being submitted to the Federal Clearinghouse.

The Department’s Compliance Monitor(s) keep abreast of the required timeframe for the entity to complete the corrective action and to provide the response. When the response is received, the Department reviews the documentation to determine if the corrective action requirements have been met. If the issues have not been corrected, the Compliance Monitor and/or Compliance Subrecipient Monitoring Director will notify the Director of Compliance. The Director of Compliance may determine if the matter should be referred to the Department’s Enforcement Committee in accordance with Department rules and standard operating procedures. During the next monitoring visit to the entity, the Department will determine if the selection of expenditures or materials reviewed reflect compliance with the respective requirement.

If it is determined that the Subgrantee is not able to administer the weatherization program, the Department will follow the requirements in 10 TAC §2.202 Contract Closeout.

V.8.4 Training and Technical Assistance Approach and Activities

The Department provides Subgrantees with sufficient T&TA funding to obtain and/or maintain required certifications; such as: QCI, MF-QCI, Building Analyst/Energy Auditor, Lead Safe Renovator, Lead Safe Worker, and OSHA 10 or 30. All training provided includes requirements for compliance with Quality Work Specifications. The Department will conduct trainings based upon the following:

- Grant Requirements or as directed by DOE monitor or audit reports.
- Subgrantee Request. The Department has an online request system, with a T&TA menu list, or section for the Subgrantee to make a specific request or ask specific questions. The Department will contact the requestor and customize training to meet the need. <https://tdhca.wufoo.com/forms/request-for-ca-program-assistance>
 - In addition, submitted questions or requests are reviewed for creating FAQs or to identify topics for regional trainings, workshops, or individualized training.
- Monitor Reports. The Department’s compliance team shares monitoring issues with the training team. The training team will initially provide resources and guides to address any findings, and follow up with T&TA as required.
 - Trends across the Network can be addressed in regional trainings or workshops.
- Management Request. Management may make a specific request and dictate the type of training needed.

The Department has six certified QCI staff who monitor and/or train weatherization Subgrantees on quality weatherization work, proper diagnostics, documentation, and compliance. The Department has two certified BPI Proctors who administer exams for BPI written exams. The Department continues to provide T&TA to assist Subgrantees in preparing for and obtaining required certifications. The Department created an online Web-page dedicated to Quality Work Plan requirements that contains guidance and resources. <http://www.tdhca.state.tx.us/community-affairs/wap/quality-work-plan.htm>

NOTE: New Mexico Energy Smart Academy sometimes partners with local Subgrantees to provide IREC certified courses in Texas including MF-QCI and Energy Auditor.

Comprehensive Training:

The current focus for Comprehensive training will be ensuring all 22 Subgrantees have staff (or subcontractors as applicable) certified in the following job categories: Quality Control Inspector (QCI), Retrofit Installer (RI) and Crew Leader (CL). Because the Energy Auditor (EA) Certification

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is a prerequisite for QCI, TDHCA will not track EA separately. Comprehensive training will be provided by accredited IREC training providers and certification testing will be conducted by BPI certified proctors. TDHCA maintains the capacity to administer BPI written exams and is researching how to conduct BPI field exams as well.

Due to the rigorous nature of BPI certifications, TDHCA projects the following percentages of agencies will meet the certification requirements over the next two program years:

- QCI: 2020 – 95%, 2021 – 100%
- RI: 2020 – 50%, 2021 – 80%
- CL: 2020 – 50%, 2021 – 80%

In compliance with Section 4 of WPN 15-4, the Department will track that comprehensive training for each job category listed above is obtained and that retraining occurs thereafter every three years. Whereas it is the responsibility of the Department to provide funds for training through IREC training providers, it is the responsibility of the Subgrantee to ensure training is completed by staff and/or subcontractors. The Department will monitor Subgrantee progress and track credentials. Weatherization staff may not function unsupervised until training and certification requirements are met.

To assist Subgrantees with identifying appropriate staff to challenge BPI advanced certifications, TDHCA recommends successful training and completion of an appropriate BPI core certification such as Building Analyst or Envelope Professional.

Specific Training:

Specific training will be provided by Department training and technical assistance staff or a designee. With experience as Program Officers and Trainers, the staff has experience in Subgrantee monitoring, unit assessments, audits, materials installation, inspections, and the training and technical assistance that support each. The staff consists of:

- Laura Saintey – 10+ years experience in the construction industry and 9+ years experience in the WAP. QCI certified, Lead Safe Renovator, OSHA 10, BPI Building Analyst Professional, BPI Certified Proctor, and attended DOE sponsored conferences.
- Chad Turner – 18+ years of weatherization experience including as a Texas WAP Subgrantee, QCI certified, MF-QCI, BPI certified, OSHA 30 and attended DOE sponsored conferences.
- Jason Gagne – 4+ years experience in the WAP, QCI certified, BPI Building Analyst Professional, Lead certified, Energy Audit certified, OSHA 10, and attended DOE sponsored conferences.
- Kevin Glienke – 9+ years in weatherization monitoring and training, BPI certified, QCI certified, MFQCI, and attended DOE sponsored conferences.
- Robert Moore – 9+ years of weatherization experience including as a Texas WAP Subgrantee, QCI certified, BPI & Lead certified, OSHA 30 and attended DOE sponsored conferences.
- Ben Rose – 4+ years of weatherization experience as a Texas WAP Subgrantee, QCI certified, BPI and Lead Certified

T&TA staff provide new manager training, monitoring report based training, and technical assistance for multiple WAP Subgrantees. New manager training is required within three months of being hired. Subgrantees may request new manager training through the online training request system (i.e., Wufoo). Another form of mandatory training are trainings that arise out of necessity due to monitoring issues. Subgrantees are monitored as described in V.7.3 Monitoring Activities of this Plan and results of those monitoring visits are shared with T&TA staff. Any issues as a result of a monitoring visit are analyzed by T&TA staff to determine how best to train the Subgrantee to resolve the issue(s).

For onsite T&TA visits, a report will be produced indicating Subgrantee staff present, materials and documents presented to the Subgrantee, and expected outcomes.

Training to execute the Health and Safety Plan will occur via quarterly conference calls via a webinar platform which typically include health and safety concerns. Additionally, training and technical assistance occur throughout the year at random intervals on a case by case basis originating by way of monitoring trends and reports and requests from Subgrantees for assistance. Finally, the Department also hosts a webinar at the beginning of each Program Year to assist Subgrantees in the implementation of the new DOE State Plan and Health and Safety Plan.

Quarterly Network Calls

Agendas will be evaluated for topics based upon need and identified areas of concern. Topics will include:

- Program Requirements and Updates

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- Monitoring Concerns
- Technical Issues
- Health & Safety Concerns
- Upcoming Training Dates
- Resources

Projected Dates for PY 2020 WAP Network Calls:

- August 2020 – no WAP call, see Energy OutWest section below
- November 2020
- February 2021
- May 2021

A WAP specific E-newsletter will be distributed on a monthly basis to fill in the gap between quarterly calls to further focus the network on program and technical requirements, updates, and training opportunities.

The Department directs Subgrantees to the "Weatherization Assistant Online Training" on the Department's website for initial training of the state approved energy audit. Training staff will provide further technical assistance on a one-on-one basis as necessary.

The Department will address four key topics for 2020. The Department has chosen to focus on the following:

- Quality work through initial assessments
- Air sealing and duct sealing techniques
- Importance of aligning thermal and pressure boundaries
- Cost Allocation (provided by a third-party)

Energy OutWest

All Subgrantees will be encouraged to send at least one staff member to the Energy OutWest Conference in August 2020. In conjunction with the conference, TDHCA will host a mandatory WAP workgroup to garner network feedback on WAP operations and address program and technical concerns.

TDHCA will further reserve flexibility to respond to any T&TA needs that may arise because of grant requirements or as directed by DOE monitor or audit reports.

Ramifications for noncompliance with Comprehensive training and/or Specific training can be awards that contain condition(s) which the noncompliant Subgrantee must comply with in order to receive funding. Conditions can be minor (e.g., submittal of a credential to the Department) or severe (e.g., closely supervised final QCIs by Department training staff to determine quality of weatherization measures installed). Weatherization staff may not function unsupervised until any training and certification requirements are met.

Evaluation of Training Activities

Subgrantees will be given the opportunity to provide feedback through online training evaluations. These evaluations are reviewed to make improvements to future T&TA. Training staff will conduct periodic surveys to solicit input from Subgrantees as to their training needs and will evaluate pass rates for certification testing. In order to evaluate compliance with the Quality Work Specifications and the efficacy of its training activities, the training staff will review a Subgrantee's training activities semiannually and compare those to the Subgrantee's monitoring reports.

Program Evaluation

The Department utilizes an online contract system to collect expenditure and performance data from Subgrantees and compares that data to a production tool on a monthly basis. Training staff contact Subgrantees regarding various benchmarks throughout the program year.

Another method of evaluation is provided by the compliance division. The Department's compliance staff provides training staff with a copy of the Subgrantee's most recent monitor report, which is also used to assess individualized training needs. By viewing all Subgrantee monitor reports, training staff is also able to determine if there are any network trends which need to be addressed.

Client Education

The Department requires Subgrantees to provide client education to each client. Subgrantees are required to provide (at a minimum) educational

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materials in verbal and written format. Client education may include temperature strips that indicate the temperature in the room, energy savings materials, and instructions for equipment operation and/or maintenance.

Percent of overall trainings

Comprehensive Trainings:	34.0
Specific Trainings:	66.0

Breakdown of T&TA training budget

Percent of budget allocated to Auditor/QCI trainings:	15.0
Percent of budget allocated to Crew/Installer trainings:	15.0
Percent of budget allocated to Management/Financial trainings:	15.0

V.9 Energy Crisis and Disaster Plan

n/a