

U.S. Department of Energy
WEATHERIZATION ANNUAL FILE WORKSHEET
Grant: EE0006193 Amendment: M000 State: WI Year: 2019

Budget Period 7/01/2019 – 6/30/2020

IV. ANNUAL FILE

Subgrantee	
Admin	\$502,819
Operations & Support	\$6,719,004
Financial Audit	\$25,000
Liability Insurance	\$40,000
Health & Safety	\$350,000
Agency T&TA	\$741,750
Subtotal	8,378,573
Leveraging	\$300,000
State Administration	\$502,820
State T&TA	\$875,000
Subtotal	\$1,677,820
Total	\$10,056,393

IV.1 Subgrantees

Subgrantee	City	Funding*	Units
ADVOCAP, Inc.	Fond du Lac	\$378,221	48
Ashland County Housing Authority	Mellen	\$369,636	47
Rock/Walworth Community Action	Janesville	\$378,789	48
CAP Services, Inc.	Stevens Point	\$314,369	40
Central Wisconsin CAC, Inc.	Wisconsin Dells	\$307,876	39
Partners for Community Development Inc.	Sheboygan	\$370,349	47
Hartford Community Development Authority	Hartford	\$154,329	19
La Casa de Esperanza	Waukesha	\$552,524	71
NEWCAP, Inc.	Oconto	\$570,386	73
North Central CAP, Inc.	Wisconsin Rapids	\$662,197	85
Outagamie County Housing Authority	Appleton	\$234,807	29
Project Home, Inc.	Madison	\$309,440	39
Racine/Kenosha CAA	Racine	\$574,776	74
Southwestern Wisconsin CAP	Dodgeville	\$145,762	18
West Central Wisconsin CAA	Glenwood City	\$480,598	61
Western Dairyland EOC	Independence	\$309,641	39
Coulee CAP, Inc.	Westby	\$283,463	36
La Casa de Esperanza - Milwaukee	Waukesha	\$792,564	102
Community Relations–Social Development Commission	Milwaukee	\$792,564	102
Partners for Community Development Authority – Milw.	Milwaukee	\$396,282	51
TOTALS		\$8,378,573	1,068

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*Funding allocations are for planning purposes and are subject to change. Final allocation will include adjustments necessary to align with final DOE appropriations for the Weatherization Assistance Program (WAP).

Selection of Subgrantees

Weatherization services are provided on a statewide basis. The Division contracts with Community Action Agencies and a variety of other public and nonprofit entities to deliver weatherization services [440.15(a) (1)]. Public comment is solicited on the selection of subgrantees as part of the public hearing on the draft application for DOE funds [440.15(a)(2)]. In selecting subgrantees, preference is given to any agency with experience and performance in weatherization or housing renovation, in assisting low income persons in the area, and currently administering a timely and effective weatherization program [440.15(a)(2)(i,ii,iii)]. This is done to maintain stability so that clients can readily identify where they may receive needed services.

Selection of new or additional subgrantees will be made in accordance with the requirements of 440.15(d) and include consideration of:

- a. The extent to which the weatherization goals set forth in the contract are achieved in a timely fashion;
- b. The quality of work performed;
- c. The number, qualifications, and experience of the staff;
- d. The ability to secure volunteers, training participants, public service employment workers, and other federal or state training programs or resources.

If the Division finds that a subgrantee has failed to comply substantially and should be replaced, notice is given to the subgrantee of the failure and the action intended by the Division [440.15(c)].

IV.2 WAP Production Schedule

Average Unit Costs, Units Subject to DOE Project Rules		
VEHICLES & EQUIPMENT AVERAGE COST PER DWELLING UNIT (DOE RULES)		
A	Total Vehicles & Equipment (\$5,000 or more) Budget	\$0.00
B	Total Units Weatherized	1,016
C	Total Units Reweatherized	52
D	Total Dwelling Units to be Weatherized and Reweatherized (B+C)	1,068
E	Average Vehicle & Equipment Acquisition Cost per Unit (A divided by D)	\$0.00
AVERAGE COST PER DWELLING UNIT (DOE RULES)		
F	Total Funds for Program Operations	\$6,719,004
G	Total Dwelling Units to be Weatherized and Reweatherized (from line D)	1,068
H	Average Program Operations Cost per Unit (F divided by G)	\$6,291.20
I	Average Vehicle & Equipment Acquisition Cost per Unit (from Line E)	\$0.00
J	Total Average Cost per Dwelling (H plus I)	\$6,291.20

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IV.3 Energy Savings

Method used to calculate energy savings: WAP algorithm Other (describe below)

Method used to calculate savings description: For all but the most recent program year, natural gas and electricity savings for weatherized homes are measured using monthly utility billing data collected from Wisconsin’s five major investor-owned utilities. Billing data from pre- and post-weatherization periods are weather normalized, and pre-weatherization billing data from future program participants are used to correct for non-program factors. The consumption differences between the pre- and post-weatherization billing periods reflect the gas and electric savings for each treated home. Savings estimates are then coupled with data taken from the program’s tracking database to develop a statistical model to evaluate savings by measure installed, housing type and other characteristics.

PY19 savings estimates (for homes that do not yet have post-weatherization history) are projections based on the measures installed and the statistical model of energy savings validated by data from PY17 and earlier.

Energy savings, based on Wisconsin’s 2018 Self Evaluation Savings (SES) study are projected to average 190 heating therms, or 21% per household and 1,370 baseload kilowatt hours (kWh), or 16% per household. Based on the fuel costs used in Wisconsin’s Weatherization Assistant parameters, this equals an annual savings of \$500 per household served. The total energy savings for the planned 1,068 weatherized units in Wisconsin using Department of Energy (DOE) funds are projected to be 34,192 MMBtus annually, amounting to \$6.20 million (NPV) over the approximate 20-year life of the weatherization measures installed.

Program Year	Estimate		Actual	
	Units	Savings (MMBtus)	Units	Savings (MMBtus)
2019-2020	1,068	34,192	n/a	n/a
2018-2019	1,014	32,463	n/a	n/a
2017-2018	787	25,198	924	n/a
2016-2017	643	15,432	915	27,468

Fuel Prices for Weatherization Modeling

The Division of Energy, Housing and Community Resources reviewed the procedures for identifying base-year fuel prices and the fuel-price-change indices used in Weatherization Assistant.

Base-Year Price Identification

Wisconsin’s methods for establishing base-year prices reflects the concept that energy prices will generally revert to the mean — i.e., that market prices will fluctuate over time and that market forces (supply and demand) will interact and revert to a mean price. In this context, the historic average price is relatively indicative of the long-term trend.

Fuel Oil, Propane (L.P.), Electric

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Wisconsin uses the average price from the previous five heating seasons to identify the base-year price for these fuels.

Natural Gas

Based on the upward trend in natural gas prices as forecasted by the U.S. Energy Information Administration, Wisconsin blends five historic-price data points and two anticipated price data points to identify the base-year price for natural gas. The base-year price equals the mean of five years of historic heating-season prices and two years of anticipated heating season prices (Source: EIA Short Term Outlook). The Division believes this approach is the best alternative considering that 1) The upward trend in natural-gas prices over the past year may be indicating an increase in future prices, and 2) A blend of historic prices and anticipated prices would be a logical approach for identifying the base-year price for natural gas in the financial modeling.

Fuel-Price-Change Indexing

To forecast future annual fuel-price changes, Wisconsin uses data from the EIA's Annual Energy Outlook (East North Central region).

The Division will use the base-year prices for Program Year 2018-2019 with the first full year of energy savings encompassing the heating season of 2019-2020 (i.e., the first full winter after weatherizing).

IV.4 DOE-Funded Leveraging Activities

Wisconsin has identified approximately \$300,000 in DOE leverage funds to provide staff oversight for the operation of the joint DOE/Public Benefits weatherization assistance program. Leveraged funds are used to continue program design work, assist subgrantees in training new personnel, work with property owner associations to increase the number of weatherized rental units, and coordinate utility providers' contributions to the state Public Benefits funds.

DOE leverage funds are vital to the effective use of Public Benefits funds to increase the number of units and measures completed with DOE funds. Public Benefits funds allow the weatherization program to address water heater conversion, freezers, and electrical use, thereby providing a "whole house" approach to the program.

The combined weatherization program incorporates the DOE minimum program requirements of:

- Household eligibility
- Use of an approved audit system or measures list
- Household priority for service
- Meet or exceed materials standards
- Average DOE funds per unit does not exceed DOE's maximum
- Preference to existing DOE subgrantees

In addition to an estimated \$42.5 million of the Public Benefits funds, approximately \$9.2 million in Low Income Home Energy Assistance Program (LIHEAP) funds will be used to weatherize units.

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Non-DOE funded units are reported as leveraged units.

IV.5 Policy Advisory Council

Policy Advisory Council Members

Jennifer Fischer	(608) 240-7460	Aging & Disability Resource Center of Dane County
Beth Nyhus	(715) 726-7856	Chippewa County Health and Human Services (WHEAP subgrantee)
Sarah Schroeder	(608) 246-3444	Employment Resources, Inc. (Non-profit organization providing support services for individuals with disabilities)
Gary France	(715) 359-1075	France Propane Service, Inc. (Bulk fuel vendor)
Tim Bruer	(608) 283-7678	Energy Services, Inc., Keep Wisconsin Warm Fund (Non-profit utility assistance fundraiser and WHEAP subcontractor)
Geraldine Spielbauer	(608) 252-7295	Madison Gas & Electric (Utility provider)
Cleopatra Echols	(414) 289-6420	Milwaukee County Department of Health and Human Services (WHEAP subgrantee)
Val Filz	(920) 834-4621 Ext. 1125	NEWCAP, Inc. (Subgrantee and CAP agency)
Lucio Fuentez	(920) 459-2780 Ext. 101	Partners for Community Development (Subgrantee)
Brad Rose	(608) 267-9814	Public Service Commission (State entity for regulation of utilities)
Kay Lucas	(262) 335-4649	Washington County Health Services (WHEAP subgrantee)
Daliska Smith	(414) 906-2821	Social Development Commission (Subgrantee and City of Milwaukee social services organization)
Phyllis Novinskie	(608) 943-6909 Ext.223	Southwestern WI CAP (Subgrantee, CAP agency)
Mike Mueller	(414) 550-2555	We Energies (Utility provider)
Dr. Brad Paul	(608) 244-0466	WISCAP Association (Association of Wisconsin CAP agencies)
Todd Stuart	(608) 441-5740	Wisconsin Industrial Energy Group (Non-profit ratepayer advocacy)
Mike Hodges	(608) 834-4566	WPPI Energy (Municipal)
Pat Boland	(651) 207-7669	Xcel Energy (Utility provider)

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Policy Advisory Council Meeting

Wisconsin’s Policy Advisory Council (PAC), named the Low-Income Energy Advisory Committee (LIEAC), was established to provide feedback to the Division on weatherization and energy assistance issues, including approval of annual plans. LIEAC meets up to four times per year, and as-needed. Per 10 CFR 440.17, LIEAC members are broadly representative of organizations and agencies, including consumer groups that represent low-income persons, particularly elderly, and low-income persons with a disability and low-income Native Americans in Wisconsin.

A LIEAC meeting will be held April 2019.

IV.6 Hearings and Transcripts

Date Scheduled	Newspapers that publicized the hearings and the dates the notice ran
March 20, 2019	The public hearing notice was published in the Wisconsin State Journal on March 8, 2019. The public hearing notice was also distributed to Weatherization Assistance Program and Wisconsin Home Energy Assistance Program Grantees in a Division broadcast e-mail on March 8, 2019. The public hearing will be held on March 20, 2019 at Central Wisconsin Community Action Council, Inc. at 11:00 am.

Public Hearing Notice
Division of Energy, Housing and Community Resources
Department of Administration
Held at Central Wisconsin Community Action Council, Inc.
1000 HWY 13, Board Room, Wisconsin Dells, WI 53965
Wednesday, March 20, 2019
11:00 AM

Testimony will be accepted on the draft Program Year (PY) 2019 application to the U.S. Department of Energy (DOE) for funding of the Weatherization Assistance Program (WAP) for low income persons and on local operators of the program. Potential operators of the program include:

- ADVOCAP, Inc.
- Ashland County Housing Authority
- CAP Services, Inc.
- Central Wisconsin CAC, Inc.
- Community Action, Inc. of Rock/Walworth Counties
- Couleecap, Inc.
- Hartford Community Development Authority
- La Casa de Esperanza, Inc.
- Newcap, Inc.
- North Central CAP, Inc.
- Outagamie County Housing Authority

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Partners for Community Development, Inc.
Project Home, Inc.
Racine/Kenosha CAA
Social Development Commission
Southwestern Wisconsin CAP
West Central Wisconsin CAP
Western Dairyland EOC, Inc.

Final allocations will include adjustments from the draft application documents necessary to align with final DOE appropriations for WAP.

Those wishing to speak shall arrive by 11:00 AM, Wednesday, March 20, 2019. Written comments on the draft application items may be sent to the address or email below to arrive no later than 5:00 pm, Wednesday, March 20, 2019. Written comments will receive equal consideration with testimony given at the public hearing. If you would benefit from a sign language interpreter or other accommodations, please let us know as soon as possible so that arrangements can be made. To obtain copies of the draft application documents, please use one of the following methods:

Access them online at www.homeenergyplus.wi.gov – select Grantee Information, WisWAP Grantee Information, then select Draft PY 2019 DOE Annual Plan, and Draft PY2019 DOE Master Plan or write to:

Weatherization Assistance Program
DOA – Division of Energy, Housing and Community Resources
PO Box 7970
Madison, WI 53707-7970

Contact: Mary Meunier
Email: mary.meunier@wisconsin.gov; Phone: (608) 266-2758

IV.7 Miscellaneous

Recipient Business Officer and Recipient Principal Investigator

	<i>Business Officer</i>	<i>Principal Investigator</i>
Name	Susan Brown	Kris Haskin
E-mail Address	Susan.Brown@wisconsin.gov	Kristine.Haskin@wisconsin.gov
Phone Number	608-266-2035	608-266-2793

American Customer Satisfaction Index (ACSI) Survey

During the past year, and in coordination with our subgrantee network, the State of Wisconsin has been discussing feedback received via the ACSI survey and drafting an action plan to improve program operations. Per WAP Memorandum 25, our state report was distributed to subgrantees on May 16, 2017 at the Annual Subgrantee Meeting. Attendance is required by at least one

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representative from each Subgrantee at this meeting. An updated draft action plan was presented to Weatherization grantees at the Home Energy Plus (HE+) Training Event – Weatherization Policy Update session on February 5, 2019 for review and to solicit feedback. The Division will continue to refine and enhance the Action Plan and provide opportunities for input from the grantee network.