

U.S. Department of Energy
WEATHERIZATION ANNUAL FILE WORKSHEET
Grant: EE0006193 Amendment: M000 State: WI Year: 2018

Budget Period 7/01/2018 – 6/30/2019

IV. ANNUAL FILE

Subgrantee	
Admin	\$478,768
Operations & Support	\$6,372,160
Financial Audit	\$25,000
Liability Insurance	\$40,000
Health & Safety	\$350,000
Agency T&TA	\$655,676
Subtotal	\$7,921,604
Leveraging	\$300,000
State Administration	\$478,769
State T&TA	\$875,000
Subtotal	\$1,653,769
Total	\$9,575,373

IV.1 Subgrantees

Subgrantee	City	Funding*	Units
ADVOCAP, Inc.	Fond du Lac	\$364,315	47
Ashland County Housing Authority	Mellen	\$352,031	47
Rock/Walworth Community Action	Janesville	\$405,153	49
CAP Services, Inc.	Stevens Point	\$313,656	40
Central Wisconsin CAC, Inc.	Wisconsin Dells	\$261,855	39
Partners for Community Development Inc.	Sheboygan	\$346,258	48
Hartford Community Development Authority	Hartford	\$166,404	21
La Casa de Esperanza	Waukesha	\$545,652	69
NEWCAP, Inc.	Oconto	\$556,289	72
North Central CAP, Inc.	Wisconsin Rapids	\$448,484	59
Outagamie County Housing Authority	Appleton	\$237,218	31
Project Home, Inc.	Madison	\$311,659	39
Racine/Kenosha CAA	Racine	\$622,632	73
Southwestern Wisconsin CAP	Dodgeville	\$132,935	19
West Central Wisconsin CAA	Glenwood City	\$368,928	49
Western Dairyland EOC	Independence	\$236,481	31
Coulee CAP, Inc.	Westby	\$276,429	36
La Casa de Esperanza - Milwaukee	Waukesha	\$777,696	98
Community Relations–Social Development Commission	Milwaukee	\$798,319	97
Partners for Community Development Authority – Milw.	Milwaukee	\$399,210	50
TOTALS		\$7,921,604	1,014

*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

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Weatherization Assistance Program (WAP). The amended plan and budget will include policy updates effective July 1, 2018.

IV.2 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.3 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	964
C Total Units Reweatherized	50
D Total Dwelling Units to be Weatherized and Reweatherized (B+C)	1,014
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	\$6,372,160
G Total Dwelling Units to be Weatherized and Reweatherized (from line D)	1,014
H Average Program Operations Cost per Unit (F divided by G)	\$6,284.18
I Average Vehicle & Equipment Acquisition Cost per Unit (from Line E)	\$0.00
J Total Average Cost per Dwelling (H plus I)	\$6,284.18

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IV.4 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.

PY18 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 1,014 weatherized units in Wisconsin using Department of Energy (DOE) funds are projected to be 32,463 MMBtus annually, amounting to \$7.54 million (NPV) over the approximate 20-year life of the weatherization measures installed.

Program Year	Estimate		Actual	
	Units	Savings (MMBtus)	Units	Savings (MMBtus)
2018-2019	1,014	32,463	n/a	n/a
2017-2018	787	25,198	n/a	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

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

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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 downward trend in natural-gas prices over the past several years may be reversing, 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.5 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 \$36 million of the Public Benefits funds, approximately \$14 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.6 Policy Advisory Council

Policy Advisory Council Members

Jennifer Fischer	(608) 240-7400	Aging & Disability Resource Center of Dane County
Kelly Swan	(715) 462-4760	Washburn County Health and Human Services (WHEAP subgrantee)
Stephanie Drum	(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) 252-7000	Madison Gas & Electric (Utility provider)
Diane Zettelmeier	(414) 289-5744	Milwaukee County Department of Health and Human Services (WHEAP subgrantee)
Val Filz	(920) 834-4621	NEWCAP, Inc. (Subgrantee and CAP agency)
Lucio Fuentes	(920) 459-2788	Partners for Community Development (Subgrantee)
Brad Rose	(608) 267-9491	Public Service Commission (State entity for regulation of utilities)
Steve Budnik	(715) 421-8620	Wood County Human Services (WHEAP subgrantee)
Daliska Smith	(414) 906-2821	Social Development Commission (Subgrantee and City of Milwaukee social services organization)
Phyllis Novinskie	(608) 943-6909	Southwestern WI CAP (Subgrantee, CAP agency)
Mike Mueller	(414) 221-2521	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) 834-4500	WPPI Energy (Municipal)
Pat Boland	(651) 639-4407	Xcel Energy (Utility provider)

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.

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A LIEAC meeting was held via conference call June 21, 2018. Wisconsin's DOE Annual and Master Plans were unanimously accepted and approved by LIEAC.

IV.7 Hearings and Transcripts

Date Held	Newspapers that publicized the hearings and the dates the notice ran
July 24, 2018	The public hearing notice will be advertised in the Wisconsin State Journal on July 14, 2018. 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 July 13, 2018. The public hearing will be held on July 24, 2018 at State Administration Building, 101 E. Wilson St, Rm 132, Madison WI at 1:00 pm.

**Public Hearing Notice
Division of Energy, Housing and Community Resources
Department of Administration
Held at State Administration Building
101 E. Wilson St, Room 132
Madison, WI
Tuesday, July 24, 2018
1:00 PM**

Testimony will be accepted on the Amended Program Year (PY) 2018 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
- Partners for Community Development, Inc.
- Project Home, Inc.
- Racine/Kenosha CAA
- Social Development Commission

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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 1:00 PM, Tuesday, July 24, 2018. Written comments on the draft application items may be sent to the address or email below to arrive no later than 5:00 pm, Tuesday, July 24, 2018. 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 Amended Draft PY 2018 DOE Weatherization Annual 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 representative from each Subgrantee at this meeting. A draft action plan was presented to Weatherization grantees at the HE+ Training Event – Weatherization Policy Update session on February 7, 2018 for review and to solicit

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feedback. The Division will continue to refine and enhance the Action Plan and provide opportunities for input from the grantee network.