

**U.S. Department of Energy
WEATHERIZATION ANNUAL FILE WORKSHEET**
Grant: EE000XXX Amendment: M000 State: WI Year: 2022

Budget Period 7/01/2022 – 6/30/2023

IV. ANNUAL FILE

| | |
|----------------------|----------------------------|
| Subgrantee | |
| Admin | \$802,197 |
| | \$6,751,171 ,55 |
| Operations & Support | <u>1,171</u> |
| Financial Audit | \$25,000 |
| Liability Insurance | \$40,000 |
| Health & Safety | \$350,000 |
| Agency T&TA | \$7 500,000 |
| Subtotal | \$8,468,368 |
| Leveraging | \$300,000 |
| State Administration | \$802,197 |
| State T&TA | \$1,125,394 |
| Subtotal | \$2,227,591 |
| Total | \$10,695,959 |

[Budget remains at PY21 level due to Continuing Resolution](#)

IV.1 Subgrantees

| Subgrantee | City | Funding* | Units |
|--|-----------------|-------------|-------|
| ADVOCAP, Inc. | Fond du Lac | \$359,120 | 43 |
| Ashland County Housing Authority | Mellen | \$437,088 | 53 |
| Rock/Walworth Community Action | Janesville | \$335,616 | 40 |
| CAP Services, Inc. | Stevens Point | \$325,761 | 39 |
| Central Wisconsin CAC, Inc. | Wisconsin Dells | \$282,258 | 34 |
| Partners for Community Development Inc. | Sheboygan | \$782,521 | 95 |
| Hartford Community Development Authority | Hartford | \$152,719 | 18 |
| La Casa de Esperanza | Waukesha | \$1,235,281 | 150 |
| NEWCAP, Inc. | Oconto | \$650,988 | 79 |

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| | | | |
|---|------------------|--------------------|--------------|
| North Central CAP, Inc. | Wisconsin Rapids | \$690,215 | 84 |
| Outagamie County Housing Authority | Appleton | \$210,502 | 25 |
| Project Home, Inc. | Madison | \$291,358 | 35 |
| Racine/Kenosha CAA | Racine | \$511,269 | 62 |
| Southwestern Wisconsin CAP | Dodgeville | \$189,241 | 22 |
| West Central Wisconsin CAA | Glenwood City | \$567,407 | 69 |
| Western Dairyland EOC | Independence | \$345,430 | 42 |
| Coulee CAP, Inc. | Westby | \$341,386 | 41 |
| Community Relations–Social Development Commission | Milwaukee | \$760,208 | 93 |
| TOTALS | | \$8,468,368 | 1,024 |

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.

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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 973 |
| C | Total Units Re-weatherized 51 |
| D | Total Dwelling Units to be Weatherized and Re-weatherized (B+C) 1,024 |
| 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 \$6,751,171 |
| G | Total Dwelling Units to be Weatherized and Re-weatherized (from line D) 1,024 |
| H | Average Program Operations Cost per Unit (F divided by G) \$6,592.94 |
| I | Average Vehicle & Equipment Acquisition Cost per Unit (from Line E) \$0.00 |
| J | Total Average Cost per Dwelling (H plus I) \$6,592.94 |

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 measures installed, housing type and other characteristics.

| Program Year | Estimate (Other/SES) | | Actual | |
|---------------------------|-----------------------|------------------------|---------------------|---------------------|
| | Units | Savings (MMBtus) | Units | Savings (MMBtus) |
| 2022-2023 | 1,024 | 21,900 | n/a | n/a |
| 2021-2022 | 1,024 | 21,900 | n/a | n/a |
| 2020-2021 | 1,118 | 23,911 | n/a | n/a |
| 2019-2020 | 1,068 | 25,286 | 959 | 20,510 |

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|-----------|-------|--------|------|--------|
| 2018-2019 | 1,014 | 24,007 | 1013 | 23,984 |
| 2017-2018 | 787 | 18,633 | 942 | 22,303 |
| 2016-2017 | 643 | 15,224 | 915 | 27,468 |

PY20 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 PY19 and earlier. The savings are directly calculated from natural gas and electric utility billing data for PY15 through PY19. All billing data is weather normalized to account for the effect of year to year temperature variation on household energy use. The reference fuel price for natural gas is a seven-year average of the previous historical five years plus two future years. The reference price for electricity uses a five year historical average.

Energy savings, based on Wisconsin’s 2020 Self Evaluation Savings (SES) study are projected to average 168 heating therms, or 17% per household and 1,344 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 \$460 per household served. The total energy savings for the planned 1,024 weatherized units in Wisconsin using DOE funds are projected to be 21,900 MMBtus annually, amounting to \$7.16 million Net Present Value (NPV) over the approximate 20-year life of the weatherization measures installed. The following calculations are based on Wisconsin Assessment of Energy and Cost Savings for Homes Treated under Wisconsin’s Home Energy Plus Weatherization Program 2020. Wisconsin is in the process of completing another assessment of energy savings.

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.

Natural Gas

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-

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season prices and two years of anticipated heating season prices (Source: U.S. Energy Information Administration (EIA) Short Term Outlook). The Division believes this approach is the best alternative considering that 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 2021-2022 with the first full year of energy savings encompassing the heating season of 2022-2023 (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

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 |
| Amy Robinson | (715) 421-8690 | Wood County Human Services (WHEAP subgrantee) |

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|--------------------------------|--------------------------------|--|
| 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) |
| Vicky Heinz | (608) 252-7395 | Madison Gas & Electric (Utility provider) |
| Maricela Gaona | (414) 469-6435 | Milwaukee County Department of Health and Human Services (WHEAP subgrantee) |
| Val Filz | (920) 834-4621 Ext. 1125 | NEWCAP, Inc. (Subgrantee and CAP agency) |
| Karin Kirchmeier | (920) 459-2780 Ext. 101 | Partners for Community Development (Subgrantee) |
| Brad Rose | (608) 267-9814 | Public Service Commission (State entity for regulation of utilities) |
| Molly Calderon | (262) 657-2170 | UMOS (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) |
| Christine Carper | 920-433-117 | WEC Energy Group (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) |
| Tim Heinrich | (608) 837-2263 | Municipal Electric Utilities of WI, Inc. (Municipal Utility Association) |
| Nora Lindgren | 715-737-2439 | Xcel Energy (Utility provider) |
| Veronica Stober | 641-437-5362 | Alliant Energy |
| Tom Content | (608) 957-8982 | Citizens Utility Board of Wisconsin |

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, 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 is planned for April 6, 2022 to obtain approval of the plan. Meeting minutes are included as Attachment X.

IV.6 Hearings and Transcripts

| Date Scheduled | Newspapers that publicized the hearings and the dates the notice ran |
|-----------------------|--|
| March 15, 2022 | The public hearing notice was published in the Wisconsin State Journal on March 4, 2022. The public hearing notice was also distributed to Weatherization Assistance Program and Wisconsin Home Energy Assistance Program Grantees in a Division broadcast informational transmittal on March 4, 2022. The public hearing will be held on March 15, 2022 as a Telephonic Public Hearing at 11:00 am. |

**Notice of Public Hearing
Division of Energy, Housing and Community Resources
Department of Administration
Telephonic Public Hearing
Tuesday, March 15, 2022
11:00 AM
Join by phone
Madison: (608) 571-2209
Phone Conference ID: 882 704 807#**

In accordance with 10 CFR 440.14 the Division will conduct a virtual Public Hearing to accept written comments and verbal testimony concerning the Division's draft Program Year (PY) 2022 Weatherization Assistance Program Annual Plan and Master File.

Verbal testimony will be accepted telephonically on the draft PY 2022 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
- Coulecap, 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.

Please Note: Public Hearing will occur via telephone

Those wishing to speak shall call in by 11:00 AM, Tuesday, March 15, 2022, (608) 571-2209, Phone Conference ID: 882 704 807#

Per DOE requirements, a stenographer will be present to transcribe the hearing and this transcript will be submitted as an attachment to the plan.

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, March 15, 2022. Written comments will receive equal consideration with testimony given at the public hearing. If you would need other accommodations to participate, please let the Division 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 2022 DOE WAP Annual Plan and Draft PY 2022 DOE WAP 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

Public Hearing Transcript is included as Attachment **XX** [in the DOE PAGE System.](#)

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 |

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| | | |
|--------------|--------------|--------------|
| Phone Number | 608-266-2035 | 608-266-2793 |
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