

**U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET**

Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

IV. ANNUAL FILE BIL

These funds are appropriated by the Infrastructure Investment and Jobs Act, Public Law 117-58.

Subgrantee	
Admin	\$7,125,788
Operations & Support	\$60,585,151
Financial Audit	\$125,000
Liability	\$200,000
Health & Safety	\$1,750,000
Agency T&TA	\$10,000,000
WX Readiness	\$0
Subtotal	\$79,785,939
Leveraging	\$1,500,000
State Administration	\$7,125,789
State T&TA	\$6,598,787
Subtotal	\$15,224,576
Total	\$95,010,515

IV.1 Subgrantees

Subgrantee	City	Funding*	Units
ADVOCAP, Inc.	Fond du Lac	3,706,384	352
Ashland County Housing Authority	Mellen	3,432,545	325
Rock/Walworth Community Action	Janesville	3,647,317	346
CAP Services, Inc.	Stevens Point	2,928,736	278
Central Wisconsin CAC, Inc.	Wisconsin Dells	2,833,054	269
Partners for Community Development Inc.	Sheboygan	7,445,800	707
Hartford Community Development Authority	Hartford	1,518,605	144
La Casa de Esperanza	Waukesha	12,185,155	1,157
NEWCAP, Inc.	Oconto	5,422,602	515
North Central CAP, Inc.	Wisconsin Rapids	6,127,274	581
Outagamie County Housing Authority	Appleton	2,162,382	206
Project Home, Inc.	Madison	3,115,256	295
Racine/Kenosha CAA	Racine	5,437,509	518
Southwestern Wisconsin CAP	Dodgeville	1,431,631	136
West Central Wisconsin CAA	Glenwood City	4,625,678	438
Western Dairyland EOC	Independence	3,070,875	291
Coulee CAP, Inc.	Westby	2,918,428	277
Community Relations–Social Development Commission	Milwaukee	7,776,709	738
TOTALS		79,785,940	7,537

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

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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	7,193
C Total Units Re-weatherized	380
D Total Dwelling Units to be Weatherized and Re-weatherized (B+C)	7,573
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	\$60,585,151
G Total Dwelling Units to be Weatherized and Re-weatherized (from line D)	7,573
H Average Program Operations Cost per Unit (F divided by G)	\$8,000
I Average Vehicle & Equipment Acquisition Cost per Unit (from Line E)	\$0.00
J Total Average Cost per Dwelling (H plus I)	\$8,000

IV.3 Energy Savings

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

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

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)
2022-2027	7573		n/a	n/a

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 1,046 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.

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

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-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 \$1,500,000 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

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

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)
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

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

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.

A LIEAC meeting will be conducted August 22, 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
September 8, 2022	The public hearing notice was published in the Wisconsin State Journal on X, 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 X, 2022. The public hearing will be held on September 8, 2022.

Notice of Public Hearing
Division of Energy, Housing and Community Resources
Department of Administration
Telephonic Public Hearing
Thursday, September 8, 2022
11:00 AM
Join by phone
(608) 571-2209
Phone Conference ID: 272264808#

In accordance with 10 CFR 440.14 the Division will conduct a 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 for **Bipartisan Infrastructure Law** funding.

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), Bipartisan Infrastructure Law (BIL) funding for low-income persons and on local operators of the program. Potential operators of the program include:

ADVOCAP, Inc.
Ashland County Housing Authority

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

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
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, Thursday, September 8, 2022, (608) 571-2209, Phone Conference ID: 272264808#

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, Thursday, September 8, 2022. Written comments will receive equal consideration with verbal 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:

<https://energyandhousing.wi.gov/Pages/AgencyResources/weatherization.aspx>

Select Draft PY 2022 DOE WAP BIL Annual Plan and Draft PY 2022 DOE WAP BIL 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

U.S. Department of Energy
WEATHERIZATION BIPARTISAN INFRASTRUCTURE LAW (BIL) FILE WORKSHEET
Grant: EE0010025 Amendment: M000 State: WI Year: 2022

Budget Period 07/01/2022 – 6/30/2027

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

IV.7 Miscellaneous

The BIL included a new “Buy America, Build America” section which created a number of new responsibilities and requirements, including a new—permanent—Buy American domestic preference requirement for all iron, steel, manufactured products, and construction materials used in certain financial assistance projects. This new requirement applies to “infrastructure projects,” as those terms are defined by the act:

DOE is currently reviewing the applicability of this requirement to the Weatherization Assistance Program and will provide additional guidance as it becomes available. Wisconsin will incorporate this guidance as directed. Other guidance and instructions will be provided as it is developed.

Only leveraged funds are used to weatherize multifamily buildings (5-24 units). Wisconsin does not currently plan to seek DOE approval of our audit protocol for this housing type. However, Wisconsin does plan to engage in further conversation with Subject Matter Experts regarding multifamily weatherization in 5-24 unit buildings. In the event DOE funds would be proposed for weatherizing multifamily building in the future, those building’s energy audit (including data collection forms and ASHRAE calculations) will be submitted to DOE for approval on a case by case (building by building) basis.

Recipient Business Officer and Recipient Principal Investigator

	<i>Business Officer</i>	<i>Principal Investigator</i>
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