

Memorandum

DATE: December 8, 2021

REPLY TO:
ATTN OF: EE-5W

SUBJECT: Approval of the State of Indiana Energy Audit Procedures for Site-Built Single Family and Manufactured Housing for the Weatherization Assistance Program

TO: Tawanna Holloway and Michael Peterson, Project Officers, Weatherization Assistance Program, U.S. Department of Energy

EFFECTIVE: 12/7/2021

To ensure that energy audit procedures of sufficient technical rigor are used in the U.S. Department of Energy’s (DOE’s) Weatherization Assistance Program (WAP), Grantees must submit their energy audit procedures to DOE for approval every five years for review and approval in alignment with [§440.21 and Weatherization Program Notice \(WPN\) 19-4](#).

Based on review of the submitted material, Indiana’s Energy Audit Tool and/or Priority List and their procedures are approved as follows:

Table 1 – Energy Audit Tool Approvals			
Tool	Building Type	Comments	Expiration Date
WA 8.9 (NEAT)	Site-Built Housing (SBH) (1-4 Units)	See Tables 2, 3, 4, and Attachment 1	12/7/2026
WA 8.9 (MHEA)	Manufactured Housing (MH)	See Tables 2, 3, 4, and Attachment 1	12/7/2026
N/A	Small Multifamily (SMF) (5-24 Units)	N/A – IN has no SMF Energy Audit Approval	N/A
N/A	Large Multifamily (LMF) (25+ Units)	N/A – IN has no LMF Energy Audit Approval	N/A

Table 2 – Priority List Approvals		
Building Type	Housing Characteristics That Priority List Applies To	Expiration Date
Site-Built Housing (SBH) (1-4 Units)	N/A – IN has no Priority List approvals	N/A
Manufactured Housing (MH)	N/A – IN has no Priority List approvals	N/A
Small Multifamily (SMF) (5-24 Units)	N/A – IN has no Priority List approvals	N/A
Large Multifamily (LMF) (25+ Units)	N/A – IN has no Priority List approvals	N/A

Per the procedure allowed by [10 CFR 440.21b](#) and set forth in WPN 19-4 the following materials/audit procedures have been approved for use in Indiana’s program in addition to those allowed by [10 CFR 440 Appendix A](#):

Table 3 - Special Materials/Audit Procedures Approvals	
Item	Comments
Refrigerators	Approved 1/7/2020
Heat Pump Water Heaters	Approved 1/7/2020
Spray Foam Insulation	Approved 8/18/18
Light Emitting Diode (LED) Lighting	Approved 4/6/17

Per the procedure allowed by [10 CFR 440.20](#) and set forth in WPN 19-4 the following General Heat Waste Reduction measures are approved for use in Indiana’s program, not to exceed \$250 in total costs:

Table 4 – Approved General Heat Waste Measures	
Item	Comments
Water heater tank wrap (i.e., insulating blanket) conforming to the Standard Work Specifications	Approved by this memo
Water heater pipe insulation (on first six feet of hot water pipe exiting water heater)	Approved by this memo
Faucet aerators	Approved by this memo
Low-flow showerheads	Approved by this memo
Limited weather stripping and caulking to increase comfort (does not include major air sealing work, which should be guided by blower door testing)	Approved by this memo
Furnace or air conditioner filters	Approved by this memo
Client Education	Approved by this memo

This approval of the State of Indiana energy audit procedures (Energy Audit Tool and/or Priority List) expires on the dates outlined in Tables 1 and 2 above. As of the effective date of this memo, all previous energy audit or priority list approvals for these housing type(s) are no longer valid. The Grantee must submit its energy audit procedures to DOE for reapproval at least six months prior to their expiration date.

Please forward this memorandum to the Grantee agency and answer any questions they may have concerning its contents.

Erica Burrin

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Program Manager

Weatherization and Intergovernmental Program

Energy Efficiency and Renewable Energy

Attachment 1 - Approved Lifetimes for Indiana's Audit Tools

Attachment 1 - Approved Lifetimes for Indiana's Audit Tools

Indiana Weatherization Assistance Program
Approved Maximum Lifetimes of Weatherization Measures
As per Attachment 9 of WPN 19-4

NEAT Measures Considered

Indiana Weatherization Assistance Program requires all sub-grantees to enable for evaluation the Measures listed below on the NEAT audit tool with the DOE- approved Life Expectancy in the audit.

<u>Measures Considered</u>	<u>Life Expectancy</u>
Attic insulation R-11	30 Years
Attic insulation R-19	30 Years
Attic insulation R-30	30 Years
Attic insulation R-38	30 Years
Attic insulation R-49	30 Years
Fill Ceiling Cavity	30 Years
Floor Insulation R-11	20 Years
Floor Insulation R-19	20 Years
Floor Insulation R-30	20 Years
Floor Insulation R-38	20 Years
Wall Insulation	30 Years
Kneewall Insulation (airtight cavity)	30 Years
Replace heating system (fossil fuel systems only)	20 Years
High Efficiency Fossil Fuel Boiler	20 Years
High Efficiency Fossil Fuel Furnace	20 Years