



# Farmers Electric Cooperative

A Touchstone Energy® Cooperative



## Residential Weatherization Program

PLEASE PRINT: Complete ALL Sections and sign form to ensure proper and prompt payment of rebate.

### MEMBER ADDRESS INFO (person receiving rebate)

First Name	Last Name	Account Number	Phone
Address	City	State	Zip
		E-mail Address	

### EQUIPMENT LOCATION INFO

Check if same address as above:

First Name	Last Name	Account Number	Phone
Address	City	State	Zip
		E-mail Address	

#### Key Program Requirements: (See all Terms and Conditions on back or separate sheet)

- Applies to upgrades on residential homes built before 1996 (no new additions)
- Must have electric heat and/or central air conditioning
- Total project cost must be \$150 or more to be eligible

**Invoice Requirement:** Invoice must be itemized with total costs shown for each installation type. Inform contractor of requirement prior to installation.

DATE INSTALLED

*Before beginning project, ensure that you and/or your contractor read all Terms and Conditions.*

#### HEATING/COOLING SYSTEM TYPE (check one)

- Electric Heat** -check if electric system heats 75% of the home and operates prior to any non-electric backup. Portable space heaters do not qualify as part of the primary heating system. Air conditioning is not required.
- Central AC Only** -check if central air conditioning system provides cooling to the entire home (except basement) and the heating system does not qualify as Electric Heat. Homes heated with natural gas do not qualify.

*Equipment may be subject to cooperative inspection and minimal electric use requirements.*

YEAR HOUSE BUILT

#### INSTALLER OF UPGRADES

HOUSE SIZE (sq. ft.)

- Homeowner
- Contractor, Company Name \_\_\_\_\_

Description of Work: \_\_\_\_\_

Type of Installation	Area (sq. ft.)	Original Conditions			Installed Upgrades		
		Material/Insulation Type	Thickness (inches)	R-Value	Material/Insulation Type	Added Thickness (inches)	Added R-Value
Attic/Ceiling Insul.							
Wall Insulation							
Foundation Insul.							
Infiltration Control							
Duct Insul./Sealing*							

\*Must be performed by contractor

Type of Installation (continue from above)	Final R-Value	Total Cost (no labor if self-installed)	Complete for heating/cooling system checked. For rebate, enter lesser of calculated and					
			Electric Heat			Propane Heat with Central AC		
			Rebate Calculation	Maximum Rebate	Rebate**	Rebate Calculation	Maximum Rebate	Rebate**
Attic/Ceiling Insul.			Total Cost x 0.6	\$600		Total Cost x 0.15	\$150	
Wall Insulation			Total Cost x 0.6	\$600		Total Cost x 0.15	\$150	
Foundation Insul.			Total Cost x 0.6	\$600		Not Available	NA	
Infiltration Control			Total Cost x 0.6	\$200		Not Available	NA	
Duct Insul./Sealing			Total Cost x 0.6	\$200		Not Available	NA	

**TOTAL REBATE**

Attach Itemized invoice to confirm costs shown.

#### MEMBER and CONTRACTOR AGREEMENT (Signatures Required)

I verify that the above described equipment was installed on the date and location specified. I agree to all program requirements provided (either separately or on back of this form) and that my electric cooperative reserves the right to inspect all equipment and verify information before issuing a rebate.

Member Signature	Date	Contractor Signature	Notes:	Authorized Amt
Office Use Only: Form R10 1-11	Cooperative ID Employee Name			

**Rebate Amounts:**

Rebates vary by installation type and by type of primary heating and cooling system (See Table 1). Maximum rebates are the maximum amounts allowed per home under this program for as long this program is offered.

**House Requirements:**

- Only residential homes built prior to 1996 will qualify.
- Residential home upgrades only - new additions do not qualify.

**Primary Heating and Air Conditioning (AC) System**

Homes must be heated primarily with electric heat or cooled with a central air conditioning system. Qualifying systems as defined for determining appropriate rebates for this program are shown below.

- Electric Heat - electric system heats 75% of the home and operates prior to any non-electric backup. Portable space heaters do not qualify as part of the primary heating system. Air conditioning is not required.
- Central AC Only - central air conditioning system provides cooling to the entire home (except basement) and the heating system does not qualify as Electric Heat.
- Homes with natural gas heating do not qualify (contact gas supplier for any rebates).
- Equipment is subject to cooperative inspection and minimum electrical use requirements.

**Invoices**

- Invoices must be provided with the application and confirm the total costs used to calculate rebates for each type of installation.
- Projects must have a total cost of \$150 or more and can include more than one type of installation as defined for this program.
- Contractor invoices must be itemized with total costs (material and labor) shown for each qualifying installation type.
- Homeowners should inform their contractor of these requirements prior to the installation.
- Homeowners cannot include labor in the total cost for self-installed projects.

**Qualifying Installations**

**Insulation:**

The original R-value for insulation in the home must be below certain levels and increased to minimum levels as shown on Table 2.

If R-values are unknown, Table 3 can be used. Multiply the insulation thickness by the appropriate R-Value/inch to determine the R-Value of insulation in the home. If unsure of the insulation material, take a sample to a local building supply store where someone can identify it. Descriptions of insulation materials can be found at <http://hes.lbl.gov/hes/glossary.html>.

**Infiltration control:**

This includes the installation of house wraps (such as Tyvek), vapor barriers, permanent weatherstripping, caulking and foam sealing. Temporary sealing such as removable strip caulking and plastic window covers do not qualify.

**Duct Insulation/Sealing:**

Professional installation is required. Only ducts located in an unconditioned space such as the attic or crawlspace will qualify. Work where both the ducts and heating system are located in the basement does not qualify. Duct sealing must be done using a mastic sealant. (cannot be sealed with duct tape).

**Recommendations and Cautions:**

Professional installation is recommended for most projects. Self-installers should acquire the necessary expertise to guarantee a quality installation and ensure that the resulting work will not compromise the safety and integrity of the home.

Most air leaks that cause drafts can be sealed without problems, but caution must be taken when tightening a home. Air pressure differences and inadequate ventilation can result in backdrafting of combustible appliances, moisture and condensation problems and unsafe levels of contaminants including carbon monoxide and radon.

When adding insulation, caution should be taken to avoid creating a vapor barrier that can trap moisture inside building components. For example, rigid board insulation added to the outside of an insulated wall, without a vapor barrier on the interior side of the wall, can become the primary vapor barrier where condensation can occur.

Terms and Conditions continue on an additional page ...

**Table 1. REBATES**

Type of Installation	Primary Heating/Cooling System	
	Electric Heat	Central AC Only
Attic/Ceiling Insulation	60% up to	15% up to
Wall Insulation	60% up to	15% up to
Foundation Insulation	60% up to \$600 Max.	NA
Infiltration Control	60% up to \$200 Max.	NA
Duct Insulation/Sealing	60% up to \$200 Max.	NA
<b>TOTAL</b>	<b>\$2200 Maximum</b>	<b>\$300 Maximum</b>

**Table 2. REQUIRED INSULATION LEVELS**

Type of Installation	Pre-Existing Maximum	Post-Install Minimum
Attic Insulation	R-20	R-38
Wall Insulation	R-13	R-13, Add R-5 Min.
Foundation Insulation	R-8	R5, Add R-5 Min.
Duct Insulation/Sealing	R-3	R-8

**Table 3. TYPICAL R-VALUES FOR INSULATION**

Insulation Type	R-value / inch (OLD)	R-value / inch (NEW)
<b>Flexible Batts</b>		
Fiberglass	2.6	3.2
Rockwool	3.1	3.6
<b>Loose-Fill</b>		
Cellulose	3.2	3.5
Fiberglass	2.0	2.4
Rockwool	2.4	2.9
Perlite	2.3	2.7
Vermiculite	2.0	2.4
<b>Rigid Foam Boards</b>		
Polystyrene, molded (beaded)		4.0
Polystyrene, extruded (smooth)		5.0
Polyurethane		6.0
Polyisocyanurate		8.0
<b>Spray Foam Insulation</b>		
Urethane		6.0
Foam Roofing		8.0

From Home Energy Saver website (sponsored by ENERGY STAR)

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**Application Information:** Missing or incorrect information on the application may delay or halt processing and delivery of the Program Incentive. Contact the Cooperative for questions regarding the processing of the application.

**Warranty Information:** The Cooperative makes no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. The Cooperative does not guarantee a certain level of energy or cost savings resulting from use of products covered by this program.

**Limitation of Liability:** Participating Members agree that the Cooperative’s liability, in connection with this Program, is limited to paying the Program Incentive specified (when all Terms and Conditions have been satisfied by the customer). Under no circumstances shall the Cooperative be liable for any consequential or incidental damages resulting from participation in this Program. The Cooperative will not be responsible for any tax liability that may be imposed on the Participating Member as a result of the payment of Program Incentives.

**Participating Member’s Certification:** Participating Member certifies that all measures and/or equipment specified will be applied and used only at the defined location served by the Cooperative and provided in the application. Participating Member agrees that all information provided is true and that he/she has conformed to all of the program requirements listed in the application and has conformed to any applicable codes required by local, state or other governing bodies.

**Program Changes/Termination:** While this rebate program will be in effect for an indefinite period, the Cooperative reserves the right to extend, modify (this includes incentive levels) or terminate this Program without prior or further notice. The customer is responsible for checking with the Cooperative to determine whether the program has been changed or is still in effect. Past eligibility, does not guarantee that equipment will meet criteria for current programs in effect.

**Other Conditions:** The Cooperative reserves the right to inspect installations before issuing the rebate. If the application or installation does not comply with the Cooperative’s rules and qualifications, the rebate amount may be adjusted.

Members must apply for rebates within 6 months of the purchase date (as shown on the customer’s invoice). To be eligible for reserved funds, however, a customer must apply before their reservation has expired (see Pre-approval section above).

See specific Program Requirements and recommendations on the reverse side ...

Member Signature

Date

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