



TOUCHSTONE ENERGY® HOME PROGRAM

2017 Energy Efficiency Rebate Form

(Vernon Electric Cooperative Members Only)



ELIGIBILITY CRITERIA

- ❖ To qualify for this program's \$500 rebate, **ONE** of the following four Program/Code requirements must be met:
 1. **Touchstone Energy Home Program** To qualify for the rebate under this Program/Code, the following is required:
 - a. A qualified rater or inspector* must verify ALL the requirements on the attached checklist have been met unless not applicable.
 - b. Submit the completed checklist and this rebate form with Section 1 and Section 2 completed.
 2. **Touchstone Energy Home Program with blower door test in place of "Ductwork & Air Infiltration Control" requirements** To qualify for the rebate under this Program/Code, the following is required:
 - a. A qualified rater or inspector* must verify all requirements on the attached checklist have been met unless not applicable, except for the requirements in the "Ductwork & Air Infiltration Control" category.
 - b. A blower door test is required in place of the "Ductwork & Air Infiltration Control" requirements. Less than 3 air exchanges/hour at -50 Pascal is considered passing. Person performing the test must complete Section 3 of this rebate form.
 - c. Submit completed checklist and this rebate form with Section 1, Section 2, and Section 3 completed.
 3. **2012 International Energy Conservation Code** To qualify for the rebate under this Program/Code, the following is required:
 - a. A qualified rater or inspector* must provide documentation showing compliance with IECC 2012 using REScheck software.
 - b. A blower door test is required. Less than 3 air exchanges/hour at -50 Pascal is considered passing. Person performing the test must complete Section 3 of this rebate form.
 - c. Submit documentation showing compliance with IECC 2012 and this rebate form with Section 1 and Section 3 completed.
 4. **Focus On Energy New Homes Program** To qualify for the rebate under this Program/Code, the following is required:
 - a. A Wisconsin built home must meet the energy efficiency requirements of *Focus On Energy New Homes Program*.
 - b. Submit documentation showing compliance with *Focus On Energy New Homes Program* and this rebate form with Section 1 completed.

*A qualified rater or inspector refers to a person who is knowledgeable in building standards, has experience in using blower door test equipment, if blower door test is performed, and is approved by your electric cooperative.

- ❖ New home must be on cooperative's lines.
- ❖ One of the above rebate qualifying actions must have been completed in 2017.
- ❖ Rebates are in place through December 31, 2017. Funds are limited so members are encouraged to submit as soon as possible.
- ❖ Additional eligibility criteria may apply. Contact cooperative for details.
- ❖ All documentation listed below must be submitted no later than 3 months after certification.

- ✓ This Rebate Form
- ✓ Documentation as explained above, depending on which program/code was followed

Submit required documentation to: *Vernon Electric Cooperative, 110 Saugstad Rd, Westby, WI 54667 or info@vernonelectric.org*

Section 1: MEMBER INFORMATION (Please fill out entire section)

Member Name			Email	
Address			Account	Phone
City	State	Zip	Date	Member Signature
Which program/code requirement has been met to qualify you for this rebate (program/code requirements are listed above):				
<input type="checkbox"/> Touchstone Energy Home Program		<input type="checkbox"/> Touchstone Energy Home Program with "Ductwork & Air Infiltration Control" requirements bypassed		
<input type="checkbox"/> 2012 International Energy Conservation Code		<input type="checkbox"/> Focus on Energy New Homes Program (level 2 requirements)		

Section 2: RATER / INSPECTOR VERIFICATION (Please fill out entire section if home satisfies requirements of Program/Code 1 or Program/Code 2 as defined under ELIGIBILITY CRITERIA above)

By signing this form, the rater or inspector certifies that the home has met:

- 1) All requirements in the attached checklist if member is qualifying with option 1 (Touchstone Energy Home Program) OR
- 2) All requirements in the attached checklist if member is qualifying with option 2 (Touchstone Energy Home Program less the "Ductwork & Air Infiltration Control" requirements)

Rater or Inspector Name	Rater or Inspector Signature	Date of Final Inspection
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Section 3: BLOWER DOOR TEST VERIFICATION (Please fill out entire section if home satisfies requirements of Program/Code 2 or Program/Code 3 as defined under ELIGIBILITY CRITERIA above)

By signing this form, the person performing the blower door test certifies that the home has met the requirement of less than 3 air exchanges per hour at -50 Pascal.

Name of Person Performing Blower Door Test	Signature of Person Performing Blower Door Test	Air Exchanges Per Hour
		Date of Blower Door Test

OFFICE USE ONLY

<input type="checkbox"/> Approved <input type="checkbox"/> Not Approved-Reason	Total rebate issued: \$
Cooperative representative:	Date:



2017 TOUCHSTONE ENERGY® HOME PROGRAM CHECKLIST

Vernon Electric Cooperative Members Only



Requirement Category	Requirement Detail	Requirement	Check one checkbox for each requirement below			
			Meets Requirement	Does Not Meet Requirement	Cannot Determine if Requirement Met	Not Applicable
Foundation	Basement wall	R-15. R-20 if more than half the insulation is on the interior of the mass wall.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Crawlspace wall	R-15. R-20 if more than half the insulation is on the interior of the mass wall.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ground cover	6-Mil vapor barrier taped at all joints with 6" overlap	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Slab	R-10 to depth of 4 ft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insulation	Floor over crawlspace	R-30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ceilings without attic spaces	R-49. If insufficient space for R-49, then R-30, but is limited to 500 sq ft or 20% of insulated ceiling, whichever is less.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ceilings with attic spaces	R-49. Wherever full height of uncompressed insulation extends over the wall top plate at the eaves, R-38.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Wood frame wall	R-20 cavity insulation + R-5 exterior insulation, or R-13 cavity insulation + R-10 exterior insulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Knee walls	If 6" wall: R-20 in cavity, R-5 outside of knee wall. If 3 1/2" wall: R-13 in cavity, R-10 outside of knee wall.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Mass wall: poured concrete or log	R-15. R-20 if more than half the insulation is on the interior of the mass wall.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Circulating hot water pipes	R-3 with manual off switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Mechanical system piping	R-3 if piping over 105 degrees Fahrenheit or under 55 degrees Fahrenheit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Windows/ Doors	Fenestration	U-Factor 0.32 maximum or ENERGY STAR® labeled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Glazed fenestration	No requirement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Window/Glass	U-Factor 0.32 maximum or ENERGY STAR labeled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Skylight	U-Factor 0.55 maximum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Doors	Metal insulated (exception for entry). Performance same as 2004 IECC: insulated metal U-0.6, wood U-0.5, insulated nonmetal edge, max 45% glazing, any glazing double pane U-0.35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment	HVAC	Heat pump recommended & must be properly sized in accordance with ACCA Manual S, based on building loads calculated in accordance with ACCA Manual J or other approved methodologies. Dual Fuel gas furnace must be closed combustion, 90+ AFUE, & have ducted intake & exhaust. Temperature controls must be installed, including a programmable thermostat where required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Water heating	Electric or heat pump recommended, or else closed combustion. Efficiency for electric: 50 gallon=0.93 EF; > 50 gallon=0.89 EF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Appliances	Recommend ENERGY STAR where applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Can lights	Insulation contact rated and air tight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust	Exhaust systems	Outdoor air intakes and exhaust shall have automatic or gravity dampers that close when system is not operating. Sump pump basins should be sealed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Attic ventilation	Vented with aperture = 1 sq ft per 300 sq ft ceiling area. Conditioned attics allowed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Kitchen & bath ventilation	Per local or state codes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ductwork & Air Infiltration Control	Duct work	Strongly recommended to be located in conditioned area. If supply and return outside of thermal envelope: R-12 - ducts in floor trusses outside of thermal envelope; R-10 - insulation can be in form of duct wrap or equivalent coverage with building insulation materials. Building cavities cannot be used as supply ducts. Ducts shall be sealed with mastic and mesh or U1-181a aluminum tape.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	House wrap	Required and must be installed per manufacturer's recommendation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sealing	Limit air leakage by sealing: 1) Joints, seams & penetrations 2) Site-built windows, doors & skylights 3) Openings between window & door assemblies & respective jambs & framing 4) Utility penetrations 5) Dropped ceilings or chases adjacent to thermal envelope 6) Knee walls 7) Walls & ceilings separating a garage from conditioned spaces 8) Behind tubs & showers on exterior walls 9) Can lights & bath fan housings 10) Common walls between dwellings 11) Ducts, air handlers, filter boxes, & building cavities used as ducts 12) Other sources of infiltration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>