Electric$ense

TOUCHSTONE ENERGY® HOME PROGRAM

2019 Energy Efficiency Incentive Form

(Dairyland Power Cooperative System Only / Wisconsin New Homes)

This institution is an equal opportunity provider.

ELIGIBILITY CRITERIA

- To qualify for this program's $500 incentive, **ONE** of the following four Program/Code requirements must be met:
  1. **Touchstone Energy® Home Program** To qualify for the incentive under this Program/Code, the following are 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 incentive 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 incentive under this Program/Code, the following are 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 incentive form.
     c. Submit completed checklist and this incentive form with Section 1, Section 2, and Section 3 completed.
  3. **2012 International Energy Conservation Code** To qualify for the incentive under this Program/Code, the following are 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 incentive form.
     c. Submit documentation showing compliance with IECC 2012 and this incentive form with Section 1 and Section 3 completed.
  4. **Focus On Energy New Homes Program** To qualify for the incentive under this Program/Code, the following are 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 incentive 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.
- Incentives are in place through December 31, 2019. Funds are limited so submit required documentation as soon as possible.
- Required documentation must be submitted within 3 months of certification. If submitted after December 31, 2019, new home will be considered for the incentive offered in 2020.
- Additional eligibility criteria may apply. Program is subject to change or cancellation without notice. Contact cooperative for details.
- Required documentation listed below must be submitted no later than 3 months after certification.
  - ✓ This incentive 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 INOFRMATION *(Please fill out entire section)*

Member Name			Email *Email addresses will be used for cooperative communication only, including eNewsletters filled with energy saving tips. Opting out now or in the future is always available.* ☐ *Opt out Now*	
Address			Account	Phone
City	State	Zip	Date	Member Signature

Which Program/Code requirement has been met to qualify you for this incentive (Program/Code requirements are listed above)?

☐ Touchstone Energy® Home Program ☐ Touchstone Energy® Home Program with *Ductwork & Air Infiltration Control* requirements bypassed

☐ 2012 International Energy Conservation Code ☐ 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, unless *Not Applicable*, if member is qualifying with option 1 (Touchstone Energy® Home Program) OR
2) All requirements in the attached checklist, unless *Not Applicable*, if member is qualifying with option 2 (Touchstone Energy® Home Program less the *Ductwork & Air Infiltration Control* requirements). NOTE: *Ductwork & Air Infiltration Control* requirements can be marked *Not Applicable* as a blower door test is being done instead.

Rater or Inspector Name	Rater or Inspector Signature	Date of Final Inspection

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

OFFICE USE ONLY

☐ Approved ☐ Not Approved-Reason:	Total Incentive Issued: $
Cooperative Representative:	Date:

2019 TOUCHSTONE ENERGY® HOME PROGRAM CHECKLIST

Dairyland Power Cooperative System Only

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Requirement Category	Requirement Detail	Requirement	Check one checkbox for each requirement below	
			Meets Requirement	Not Applicable
Foundation	Basement wall	R-15. R-20 if more than half the insulation is on the interior of the mass wall.	☐	☐
	Crawlspace wall	R-15. R-20 if more than half the insulation is on the interior of the mass wall.	☐	☐
	Ground cover	6-Mil vapor barrier taped at all joints with 6" overlap	☐	☐
	Slab	R-10 to depth of 4 ft	☐	☐
Insulation	Floor over crawlspace	R-30	☐	☐
	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.	☐	☐
	Ceilings with attic spaces	R-49. Wherever full height of uncompressed insulation extends over the wall top plate at the eaves, R-38.	☐	☐
	Wood frame wall	R-20 cavity insulation + R-5 exterior insulation, or R-13 cavity insulation + R-10 exterior insulation	☐	☐
	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.	☐	☐
	Mass wall: poured concrete or log	R-15. R-20 if more than half the insulation is on the interior of the mass wall.	☐	☐
	Circulating hot water pipes	R-3 with manual off switch	☐	☐
	Mechanical system piping	R-3 if piping over 105 degrees Fahrenheit or under 55 degrees Fahrenheit	☐	☐
Windows/ Doors	Window/Glass	U-Factor 0.32 maximum or ENERGY STAR® labeled	☐	☐
	Skylight	U-Factor 0.55 maximum	☐	☐
	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	☐	☐
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.	☐	☐
	Water heating	Electric or heat pump recommended, or else closed combustion. Efficiency for electric: 50 gallon=0.93 EF; > 50 gallon=0.89 EF	☐	☐
	Appliances	Recommend ENERGY STAR® where applicable	☐	☐
	Can lights	Insulation contact rated and air tight	☐	☐
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.	☐	☐
	Attic ventilation	Vented with aperture = 1 sq ft per 300 sq ft ceiling area. Conditioned attics allowed.	☐	☐
	Kitchen & bath ventilation	Per local or state codes	☐	☐
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.	☐	☐
	House wrap	Required and must be installed per manufacturer's recommendation.	☐	☐
	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	☐	☐