



TOUCHSTONE ENERGY NEW HOME PROGRAM 2018 Energy Efficiency Rebate Form

ELIGIBILITY AND INSTRUCTIONS FOR COMPLETING THIS FORM *(Please read)*

- ❖ NOTE: The rebate amount for this program is \$500.
 - ❖ To qualify for the rebate, ONE of the following program/code requirements must be met:
 - ✓ **Option 1:** A qualified rater or inspector* must verify and fill out the attached checklist. A blower door test is required. Less than 3 air exchanges/hour at -50 Pascals is considered passing. *(Complete Sections 1, 2, 3, and the Checklist on attached page)*
 - ✓ **Option 2:** REScheck software can be used to verify compliance with IECC 2012. REScheck software does not verify air infiltration so a blower door test must be performed. Less than 3 air exchanges/hour at -50 Pascals is considered passing. *(Complete Sections 1, 3, and submit documentation showing compliance with 2012 IECC)*
- *A qualified rater or inspector refers to a person who is knowledgeable in building standards, has experience in using blower door test equipment and is approved by Polk Burnett.*
- ❖ One of the above rebate qualifying actions must have been completed in 2018.
 - ❖ New home must be on cooperative's lines.
 - ❖ Rebates are in place through December 31, 2018 or until funds are depleted.
 - ❖ Submit the documentation listed below no later than January 1, 2019, however, members are encouraged to submit as soon as possible to ensure rebate:
 - ✓ This rebate form
 - ✓ A copy of the blower door test
 - ✓ A copy of the checklist if using option 1 or documentation showing compliance with the 2012 IECC if using option 2

Submit required documentation to: Polk Burnett 1001 State Road 35 Centuria, WI 54824 Fax: 715-646-3395 Phone: 800-421-0283 · 715-646-2191 ext. 595

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

Member Name			Email		Phone #
Address			Account #		Location # <small>Example: (02M-11-021)</small>
City	State	Zip	Date	Member Signature	

Section 2: TOUCHSTONE ENERGY HOME *(Please fill out entire section)*

I certify the home has met the requirements defined in the checklist on the attached page, except the air infiltration control requirements.

Inspector or Builder	Inspector or Builder's Signature	Date of Final Inspection
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Section 3: BLOWER DOOR TEST *(Please fill out entire section)*

I certify the home has met the requirement of less than 3 air exchanges/hour at 50 Pascals.

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

OFFICE USE ONLY

Approved Not Approved-Reason

I certify the home for which the rebate is requested has met the requirements of the above program/code requirements

Cooperative representative:	Date:	Total rebate issued: \$
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2018 TOUCHSTONE ENERGY® HOME PROGRAM CHECKLIST

Dairyland Power Cooperative System Only



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.		
	Crawspace 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 crawspace	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	Fenestration	U-Factor 0.32 maximum or ENERGY STAR® labeled		
	Glazed fenestration	No requirement		
	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		