



# Jo-Carroll Energy

Your Touchstone Energy® Cooperative  
The power of human connections®



## ELECTRIC ACCOUNTS TOUCHSTONE ENERGY® NEW HOME PROGRAM 2018 Energy Efficiency Incentive Form

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



#### ❖ To qualify for this program's \$500 incentive, ONE of the following three Program/Code requirements must be met:

1. **Touchstone Energy Home Program:** to qualify for the incentive 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 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 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 incentive form.
  - c. Submit completed checklist and this incentive form with Section 1, Section 2, and Section 3 completed.
3. **2015 Illinois Energy Conservation Code:** to qualify for the incentive under this Program/Code, the following is required:
  - a. A qualified rater or inspector\* must provide documentation showing compliance with IECC 2015 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 2015 and this incentive form with Section 1 and Section 3 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.
- ❖ **ALL incentives will be issued in the form of a bill credit on the submitted member's account.**
- ❖ One of the incentive qualifying actions listed above must have been completed in 2018.
- ❖ Incentives are in place from **January 1, 2018** through **December 31, 2018** or until funds are depleted.
- ❖ Additional eligibility criteria may apply. Contact cooperative for details.
- ❖ All 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: **Jo-Carroll Energy • Attn: Member Services Department; Incentive Request • P.O. Box 390 • Elizabeth, IL 61028**

### MEMBER INFORMATION (Please fill out entire section)

Member Name			Email		
			<i>I wish to receive digital communications with information about the cooperative, its programs and services.</i>		
Address			Account	Phone	
			<input type="checkbox"/> Opt Out		
City	State	Zip	Date	Member Signature	
Qualifying program/code requirement met for incentive (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"/> 2015 International Energy Conservation Code					

### 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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### 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

<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved - Reason:	Class:	<b>Amount</b>	<b>Code</b>
Date of Purchase:		Invoice Amount:		
Member Services Representative:	Date:	<b>Incentive issued:</b>	\$	95 (DPC)
Billing Services Representative:	Date:		\$	94 (JCE)

Refer to the Mandatory Requirements of the 2015 Illinois Energy Conservation Code for additional information.

Requirement Category	Requirement Detail	Requirement	Check one checkbox for each requirement below	
			Meets Requirement	Not Applicable
<b>Foundation</b>	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"/>
	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"/>
	Ground cover	6-Mil vapor barrier taped at all joints with 6" overlap	<input type="checkbox"/>	<input type="checkbox"/>
	Slab	R-10 to depth of 4 ft	<input type="checkbox"/>	<input type="checkbox"/>
<b>Insulation</b>	Floor over crawlspace	R-30	<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"/>
	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"/>
	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"/>
	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"/>
	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"/>
	Circulating hot water pipes	R-3 with manual off switch	<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"/>
<b>Windows &amp; Doors</b>	Fenestration	U-Factor 0.32 maximum or ENERGY STAR® labeled	<input type="checkbox"/>	<input type="checkbox"/>
	Glazed fenestration	No requirement	<input type="checkbox"/>	<input type="checkbox"/>
	Window/Glass	U-Factor 0.32 maximum or ENERGY STAR labeled	<input type="checkbox"/>	<input type="checkbox"/>
	Skylight	U-Factor 0.55 maximum	<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"/>
<b>Equipment</b>	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"/>
	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"/>
	Appliances	Recommend ENERGY STAR where applicable	<input type="checkbox"/>	<input type="checkbox"/>
	Can lights	Insulation contact rated and air tight	<input type="checkbox"/>	<input type="checkbox"/>
<b>Exhaust</b>	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"/>
	Attic ventilation	Vented with aperture = 1 sq ft per 300 sq ft ceiling area. Conditioned attics allowed.	<input type="checkbox"/>	<input type="checkbox"/>
	Kitchen & bath ventilation	Per local or state codes	<input type="checkbox"/>	<input type="checkbox"/>
<b>Ductwork &amp; Air Control</b>	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"/>
	House wrap	Required and must be installed per manufacturer's recommendation.	<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"/>