

Billing Services Representative:

## **ELECTRIC ACCOUNTS**

## **ELECTRIC\$ENSE® NEW HOME PROGRAM**

Your Touchstone Energy <sup>®</sup> Cooperative 📩 2024 Energy Efficiency Incentive Form											
ELIGIBILITY AND INSTRUCTIONS FOR COMPLETING THIS FORM (Please read)								IRYLAND POWER			
To qualify for this program's \$500 incentive, the following Program/Code requirements must be met:											
a. A qualified b. A blower o ≻ Person	d rater or inspe door test is req performing the t	ctor* must pro uired. Less tha est must comple	ovide documenta an 3 air exchange ete Section 3 of this	ition showing co s/hour at -50 Pa i incentive form.	nder this Program/Code, compliance with IECC 202 ascal is considered passi centive form with Sectio	1. (REScheck soft ng.	ware can be utilized).				
*A qualified rat	ter or inspector i			-	ng standards, has experier ved by your electric cooper	-	er door test equipment,				
<ul> <li>New home must be on c</li> <li>ALL incentives will be i</li> <li>One of the incentive qua</li> <li>Incentives are in place fr</li> <li>Additional eligibility crite</li> <li>All documentation listed</li> <li>This Incentive For</li> <li>Documentation a</li> <li>Submit required document</li> </ul>	issued in the f alifying actions rom January 1, eria may apply. I below must b rm ss explained ab	orm of a bill o listed above n 2024, through Contact coop e submitted n ove, dependin	nust have been co December 26, 2 Derative for detail Io later than 3 mo g on which progr	ompleted in 202 2 <b>024,</b> or until fu Is. onths after cert ram/code was fr	24. nds are depleted. t <b>ification</b> and <u>no later t</u> ollowed						
MEMBER INOFRMAT		e fill out ent									
Member Name	- (	- <b>,</b>	,	Email	Email						
				I wish to receive digital communications with information about the cooperative, its programs and services.							
Address				Account		Phone	ine				
City	State	Zip		Date		Member Signature					
Qualifying program/code requirement met for incentive (program/code requirements are listed above):											
RATER / INSPECTOR	VERIFICATI	<b>ON</b> (Please f	ill out entire sect	tion if home sa	tisfies requirements of	Program as def	ined under ELIGIBILIT	Y CRITERIA			
above) By signing this form, the rater or inspector certifies that the home has met All Requirements and provided documentation showing compliance with the 2021 IECC.											
Rater or Inspector Name Rater or Inspecto				Signature Date of Final In:			pection				
BLOWER DOOR TEST CRITERIA above)						1	fined under ELIGIBILI	ТҮ			
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.											
Volume CFM@50			CFM@50	Air Exchanges		Air Exchanges Per	er Hour @50				
			Signature of Perso	on Performing Blower Door Test Date of Blower Door Test							
			•			•					
OFFICE USE ONLY											
Approved Not Approved - Reason: Date of Purchase:					Class: Invoice Amount:	Amount					
Member Services Representative:					Date:	Incentive	\$	95			

Date:

\$

issued:

94 (JCE)

## 2024 ELECTRIC\$ENSE® HOME PROGRAM CHECKLIST



Refer to the Mandatory Requirements of the <b>2021 Illinois Energy Conservation Code</b> for additional information.									
<b>.</b>									
Requirement Category	Requirement Detail	Requirement	Meets Requirement	Not Applicable					
i	Basement wall	R-15. R-20 if more than half the insulation is on the interior of the mass wall. U-Factor 0.050 maximum.							
	Crawlspace wall	R-15. R-20 if more than half the insulation is on the interior of the mass wall. U-Factor 0.055 maximum.							
un	Ground cover	6-Mil vapor barrier taped at all joints with 6" overlap							
Fo	Slab	R-10 to depth of 4 ft							
Insulation	Floor over crawlspace	R-30 U-Factor 0.33 maximum.							
	Ceilings without attic spaces	R-60. If insufficient space for R-60, then R-30, but is limited to 500 sq ft or 20% of insulated ceiling, whichever is less.							
	Ceilings with attic spaces	R-60. Wherever full height of uncompressed insulation extends over the wall top plate at the eaves, R-49. U-Factor 0.024 maximum.							
	Wood frame wall	R-20 exterior continuous insulation, or R-30 cavity insulation, or R-20 cavity insulation + R-5 exterior continuous insulation, or R-13 cavity insulation + R-10 exterior continuous insulation. U-Factor 0.045 maximum.							
	Knee walls	See attic requirements							
	Mass wall: poured concrete or log	R-15. R-20 if more than half the insulation is on the interior of the mass wall. U-Factor 0.082 maximum.							
	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 0.30 maximum or ENERGY STAR <sup>®</sup> labeled							
	Glazed fenestration	U-Factor 0.40 maximum or ENERGY STAR <sup>®</sup> labeled							
	Window/Glass	U-Factor 0.30 maximum or ENERGY STAR <sup>®</sup> 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	Geothermal 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, 95+ AFUE, & have ducted intake & exhaust. Temperature controls must be installed, including a programmable thermostat where required.							
	Water heating	Heat Pump recommended, electric, or else closed combustion. Efficiency for electric: ≥0.88 UEF							
	Appliances	Recommend ENERGY STAR where applicable							
	Lighting	Requirements of current International Energy Conservation Code.							
	Can lights	Insulation contact rated and air tight							
	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.							
Exhaust	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 Control	Duct work	Strongly recommended to be located in conditioned area. If supply & return ductwork outside of thermal envelope, R-19 and continuous air barier required. Ducts in floor trusses outside of thermal envelope, R-10 required. 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,							
	http://www.com/com/com/com/com/com/com/com/com/com/	filter boxes, & building cavities used as ducts 12) Other sources of infiltration ps://codes.iccsafe.org/content/IECC2021P2/chapter-4-re-residential-energy-efficiency							