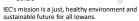






- IEC is a statewide nonprofit organization and is the largest environmental coalition in Iowa.
- Our values:
- Our greatest strength is our relationships
 Our work is informed by science, data, and
- stories
- We are a trusted voice, respected for our integrity and resourcefulness
 Sometimes we educate and lead; other times, we learn and follow
- We are inclusive, non-partisan, and we listen to others



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2



A0 1. Use Iowa-specific photos

2. Add team members

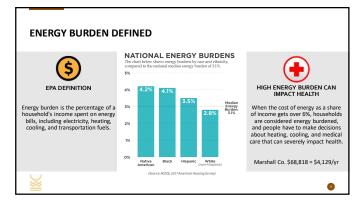
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TODAY'S AGENDA

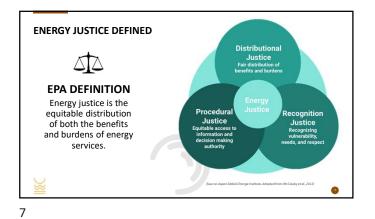
- Understanding Energy Burden
- Defining Energy Justice
- Identifying High-Energy Burden Communities in Iowa
- Reviewing Available IRA Incentives
- Building Partnerships for Sustainable Solutions
- Conclusion and Call to Action





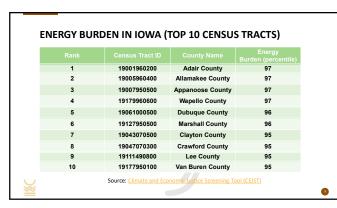




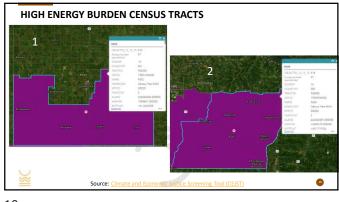


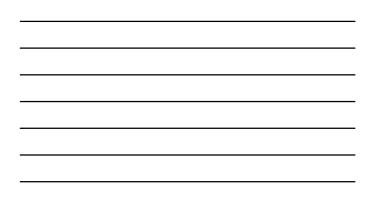


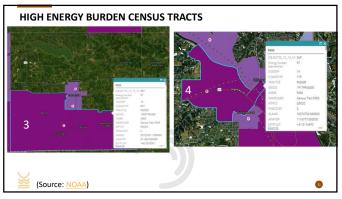


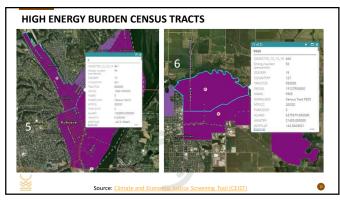




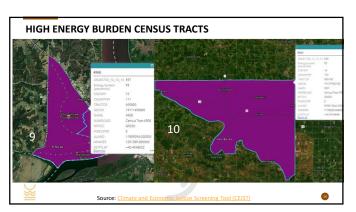




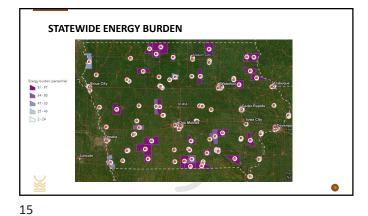






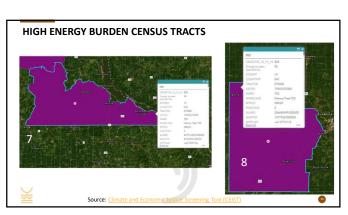






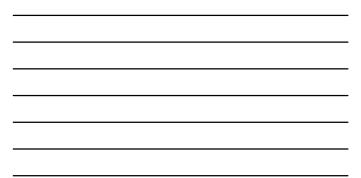












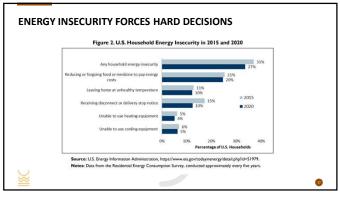
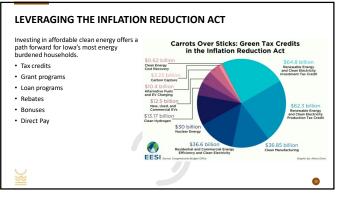


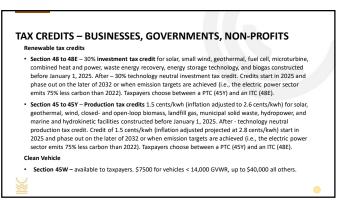
	Table 2. U.S. Utility Disconnections by Race of Householder, 2021 Thousands of housing units				
The share of Black households experiencing energy insecurity is about twice as high as that for White households (52% compared to 27% in 2020). 32		Total Households		Disconnected Households	
	Race	Count	Percent by Race	Count	Percent by Race
	White	99,310	77%	429	59%
	Hispanic	16,317	12%	109	15%
	Non-Hispanic	82,992	65%	320	44%
	Black	18,128	14%	252	34%
	Native American or Alaska Native	1,589	1%	-	_
Similarly, the share of Hispanic or	Asian	6.948	5%	-	-
atino households experiencing	Pacific Islander	470	<1%	-	—
energy insecurity is about twice as high as that for households that are not Hispanic or Latino (47% compared to 25% in 2020).33	Two or More Races	2,058	2%	-	
	Total	128,504	100%	731	100%
	Source U.S. Censo Break American Hosping Sovery, '7021 National Dendoguer Payness and Notesta—All Occupied Units: American Noning Sovery Table Crasters (http://www.censo.go/projectars.usveyshi/able interactive/bitablecraster.html", ureak=0000068, year=201148, ublemem=7484L50868, bygroup1=148. L, bygroup2=148, (http://group1=16, http://group1=148. L, bygroup2=148, http://group1=16, http://group1=148. L, bygroup2=148, http://group1=16, http://group1=168. WebBett to avoid Andecomers. Thus, determined Packel Balander. The Andecomers and the Consoling American Andecomers and ander Packel Balander. The Ander Units and the area for the American Andecomers and the American Andecomers American American American and the american Ame				

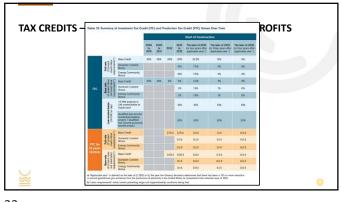












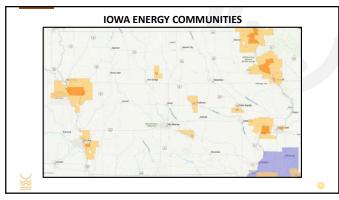


BONUSES

Bonus credits for investment tax credits and production tax credits (48, 48E, 45, 45Y)

- A 10% bonus for projects located in energy communities (defined as brownfield sites or fossil fuel communities).
 A 10% bonus for meeting domestic manufacturing requirements for steel, iron, or manufactured
- A fox boilds for intercting contexts instancturing requirements of sceep, nor, or manufactured components.
 After 2024, a 10% bonus for projects located in low-income communities or on Tribal land; 20% bonus for projects located in low-income residential buildings or part of low-income economic benefit projects.

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DOMESTIC CONTENT BONUS

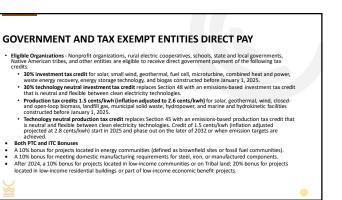
- A taxpayer certifies to the Secretary of the Treasury that "any steel, iron, or manufactured product was produced in the United States.
- Steel and iron 100% (structural components)
- Manufactured product adjusted percentage = 40% to
- Manufactured product adjusted percentage = 40% to 2025, 55% after 2026
 A Manufactured Product is considered to be produced in the United States (U.S. Manufactured Product) if.
 (1) all of the manufacturing processes for the Manufactured Product take place in the United States; and

 - States; and (2) all of the Manufactured Product Components of the Manufactured Product are of U.S. origin. A Manufactured Product Component is considered to be of U.S. origin if it is manufactured in the United States, regardless of the origin of its subcomponents.



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Applicable Project	Applicable Project Component	Categorization	
Utility-scale photovoltaic system	Steel photovoltaic module racking	Steel/Iron	
	Pile or ground screw	Steel/Iron	
	Steel or iron rebar in foundation (e.g., concrete pad)	Steel/Iron	
	Photovoltaic tracker	Manufactured Product	
	Photovoltaic module (which includes the following Manufactured Product Components, if applicable: photovoltaic cells, mounting frame or backrail, glass, encapsulant, backsheet, junction box (including pigtails and connectors), edge seals, pottants, adhesives, bus ribbons, and bypass diodes)	Manufactured Product	
	Inverter	Manufactured Product	





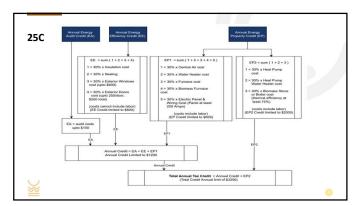
IRA REBATES AND TAX CREDITS - INDIVIDUALS

Investment tax credits and Rebates

- Section 25D An investment tax credit for residential solar, wind, geothermal, battery storage greater than 3 kwh, and biomass fuel. A 30% credit starts in 2022 and goes through 2032, declining to 26% in 2033 and 22% in 2034. (No caps)
- Section 25C A 30% tax credit on energy efficiency home improvements such as insulation, air sealing, installation of energy-efficient doors and windows, and more.
 Section 50121 HOME ENERGY PERFORMANCE-BASED WHOLE HOUSE REBATES (HOMES)
- provides rebates to homeowners and aggregators for whole-house energy saving retrofits.
- Section 50122 HIGH-EFFICIENCY ELECTRIC HOME REBATE (HEEHR) provides point-of-sale rebates for eligible electrification equipment and projects. Limited to low income and moderate income households.
- Section 30D New EV tax credit up to \$7500
- Section 25E Used EV tax credit up to \$4000

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ENERGY INFRASTRUCTURE REINVESTMENT (EIR) PROGRAM EIR is an incentive for utilities designed to guarantee long-term loans priced just above the yield of

US Treasury bonds to projects that:

- Retool, repower, repurpose, or replace energy infrastructure that has ceased operations; or
- Enable operating energy infrastructure to avoid, reduce, utilize, or sequester air pollutants or anthropogenic emissions of greenhouse gases.
- EIR has the potential to revitalize local communities historically dependent on fossil fuel infrastructure while saving electricity ratepayers money and building new clean energy resources — a triple win for communities, customers, and the climate.
- With an application approval deadline set for the end of September 2026 and a disbursement deadline at the close of 2031, lowa utilities have a critical opportunity to refinance their retiring coal plants, build new clean energy, and increase their earnings, all while reducing costs to ratepayers.





ONE IDEA FOR COLLABORATION

Help connect customers with high energy burden to IRA rebates for energy efficiency and

- renewable energy.
- Ex: IRA rebate for electric water heater.Total average cost: \$1,324
- IRA rebate covers: 30% of purchase price (\$397.20)
- Gap: \$926.80
- Can we work together to help identify consistently energy burdened customers and connect
 them with resources?
- Can utilities align their incentives to further close this gap?













