



Energy Efficiency
PROGRAM

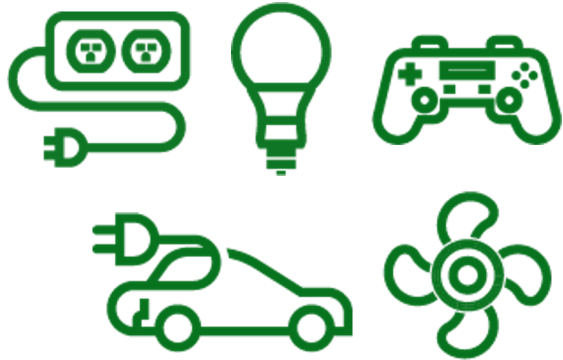
Ameren Illinois Energy Efficiency Summer Internship Program

Webinar #1

Artwork by Hannah Offutt and Brenda Pagan, members of the Peoria Guild of Black Artists



Residential Energy Use in the United States



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Coal



Oil



Natural Gas



Nuclear Power



Sun/Solar



Wind



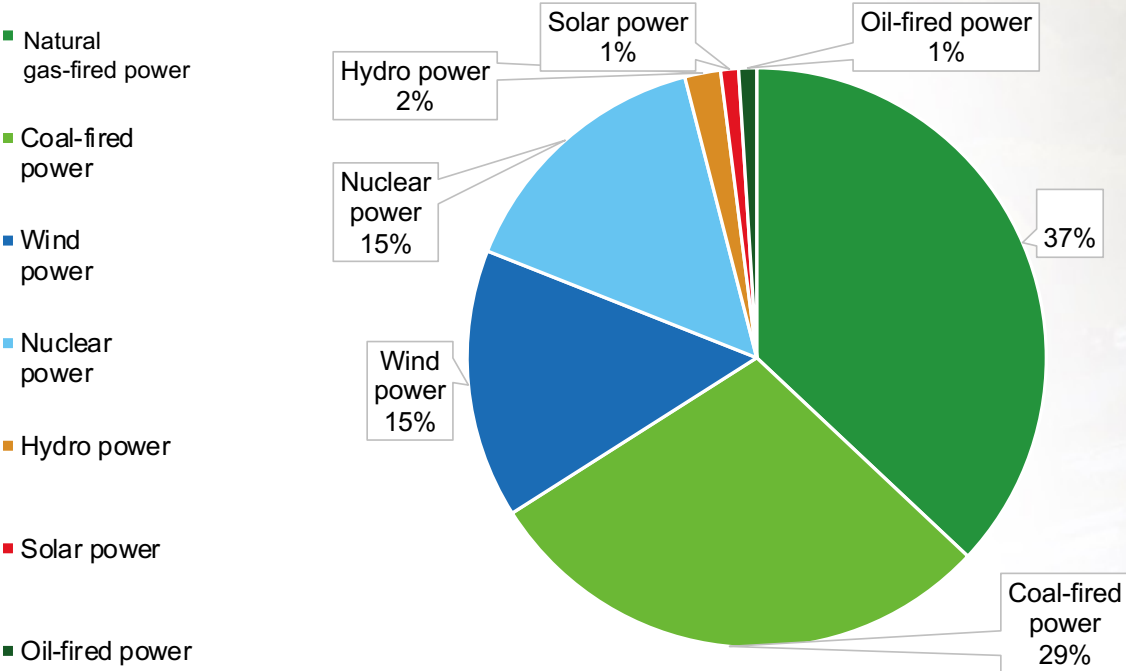
Hydropower



Biomass



Sources of Electricity Supplied to Ameren Illinois Customers



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(Source: [Ameren.com/-/media/illinois-site/files/electricchoice/sources-of-supply/2024/environmental-disclosure-q1-2024.ashx](https://www.ameren.com/-/media/illinois-site/files/electricchoice/sources-of-supply/2024/environmental-disclosure-q1-2024.ashx), accessed January 2024)

Energy Efficiency



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Impacts of Energy Efficiency

- **Health**

- › Reduces respiratory and cardiovascular system health issues and improves indoor air quality.

- **Economy**

- › Creates local jobs and supports businesses.
- › Lowers utility bills and provides financial reliefs.

- **Community**

- › Promoting equity and inclusion.

- **Environment**

- › Lowers greenhouse gas emissions and water use.



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Energy Efficiency Benefits



What is a benefit to becoming more energy-efficient in your home, office or elsewhere?



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We can use...

Technology



Behavior



To reduce energy usage



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Technology



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Behavior



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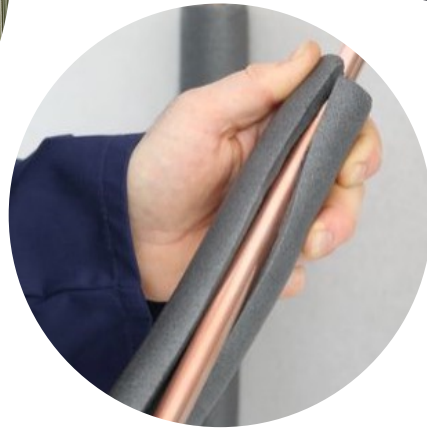
What about comfort and energy efficiency?



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Proper Insulation



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Water and Energy Connection



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Which device do you think uses the most water in the average home?



Faucet



Clothes Washer



Toilet



Shower



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Discussion

Discussion Points:

- Reasons people choose to invest in energy efficiency.
- Why you chose to learn about and pursue a career in energy efficiency this summer.
- A few ways you might try to be more energy-efficient in your everyday lives.



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Discussion

General Motivations for Energy Efficiency	Your Personal Motivations for Energy Efficiency	Your Personal Motivations for a Career in Energy
Live comfortably	Saving money, more buying power	Interact with customers, hear stories and struggles from people
Cleaner air, lowering bills		Working outside, offering customer's comfort in their homes



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PY2023

PORTFOLIO SUCCESSES



Income Qualified Spend
\$52,443,205



Custom Staffing Grants
69



Non-Profit Spend
\$3,505,986



Smart Thermostats Sold
45,062



Total Diverse Spend
\$40,214,184 (129%)

Jobseekers Served



305



AAIG Achieved
126%



Diverse Supplier Spend
\$21,695,223 (123%)



MWh Savings Goal Achieved
442,609 MWh (106%)



Therm Savings Goal Achieved
4,110,859 Therms (117%)



Community Based Organization Referrals
739



Diverse Program Ally Spend
\$18,518,960 (137%)



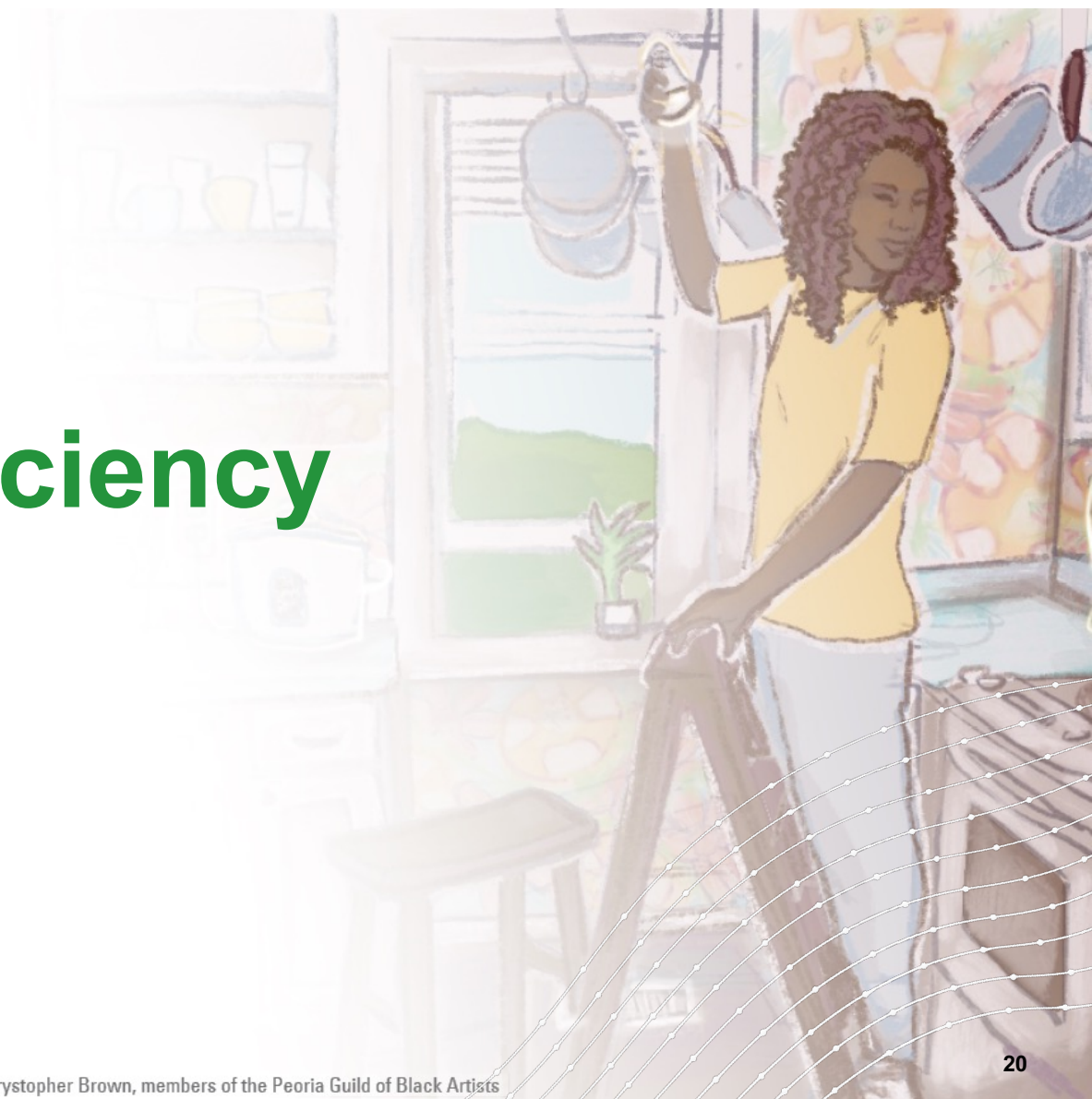
Diverse Business Enterprises Engaged
157

Income Qualified Customers Served
35,320



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The Energy Efficiency Industry



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Artwork by Brenda Pagan and Krystopher Brown, members of the Peoria Guild of Black Artists

Utility Energy Efficiency Programs

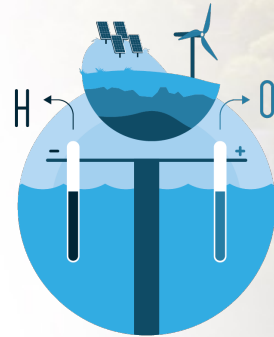
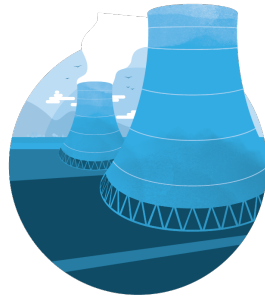
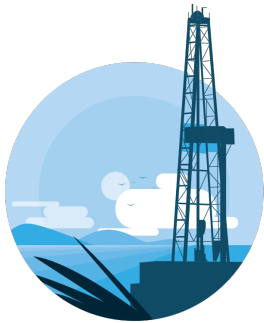
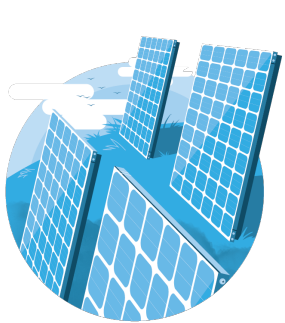


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Climate and Equitable Jobs Act (CEJA)

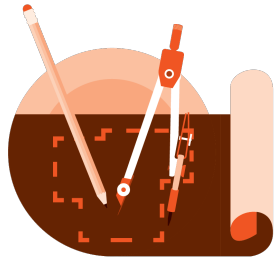


- Customer Affordability
- Energy Reliability
- Economic and Workforce Development
- Transparency



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Inflation Reduction Act (IRA)

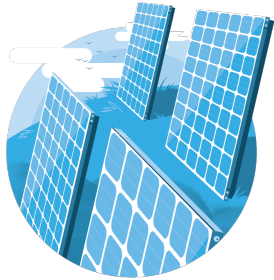


- Nearly \$400 billion in funding to lower U.S. carbon emissions by about 30% by 2030.
- About \$43 billion in consumer tax credits for energy efficiency, electric vehicles, and renewables.
- In total, 9 million new jobs are expected to be created by 2030.
- New apprenticeship requirements are expected to boost demand for skilled trades.



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IRA Consumer Tax Credits



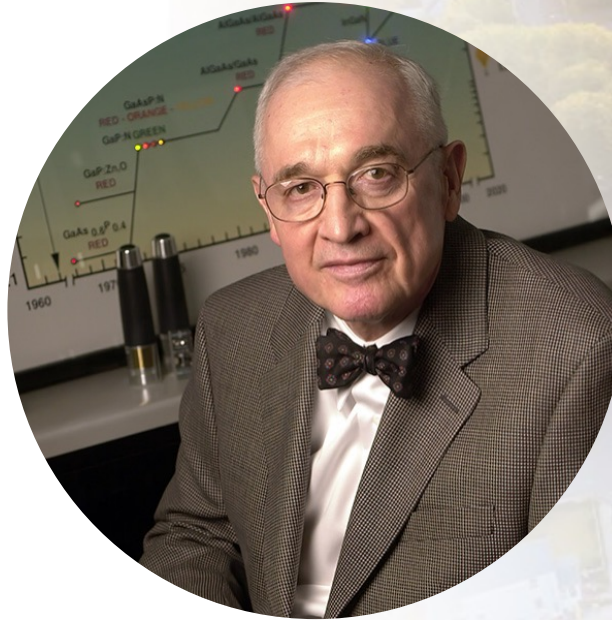
- Air sealing and insulation
- Rooftop solar
- Electric heat pump clothes dryer
- Electrical wiring or breaker box
- New windows or doors
- New or used electric vehicles
- Whole home heat pump
- Electric stoves or induction ranges
- Electric heat pump water heater



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Illinois Trivia!

Nick Holonyak, Jr., the inventor of the first visible-light LED and other illumination innovations, was born in Zeigler, Illinois.



Professionalism in the Workplace



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Upcoming

Next Week's Webinar

Tuesday, June 18

Time: 12:00 – 1:00 P.M.



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