

Agenda



- Current EE program Performance
 - 2023 Overview
 - Portfolio Performance
 - Budget, Savings and Spend
 - Diverse Spend & Health & Safety
 - Portfolio Partners, Budget, Savings and Yield
 - Business
 - Residential
 - MDI
 - Residential Program Highlights
 - Business Program Highlights
 - Market Development Initiative (MDI) Highlights

Considerations for Next EE Plan

- Budget Allocation and Energy Savings
- Market Change Implications
- Opportunities and Challenges



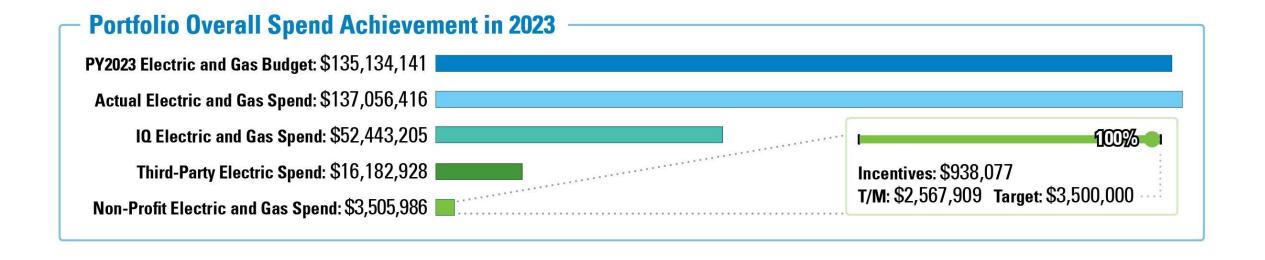
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Program Performance: Savings

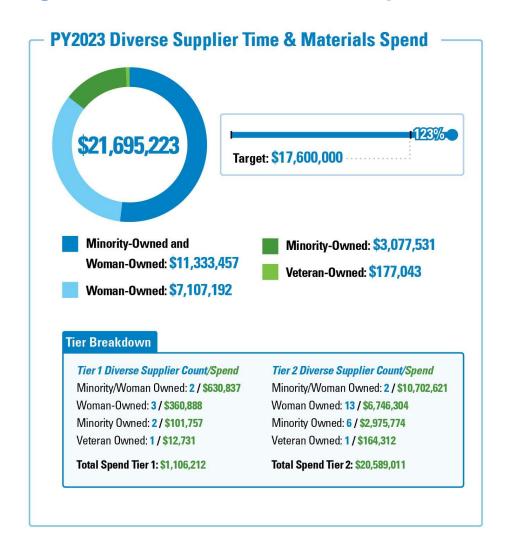




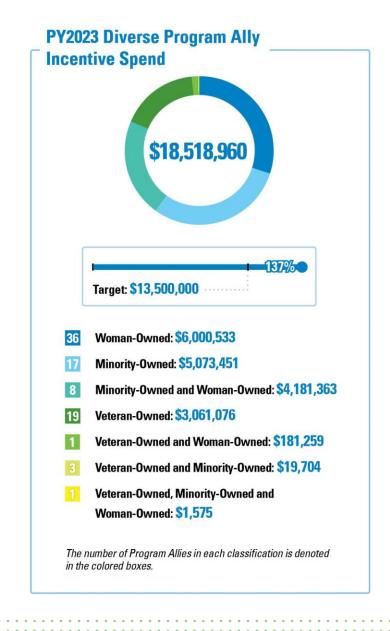
Program Performance: Budget



Program Performance: Diverse Spend



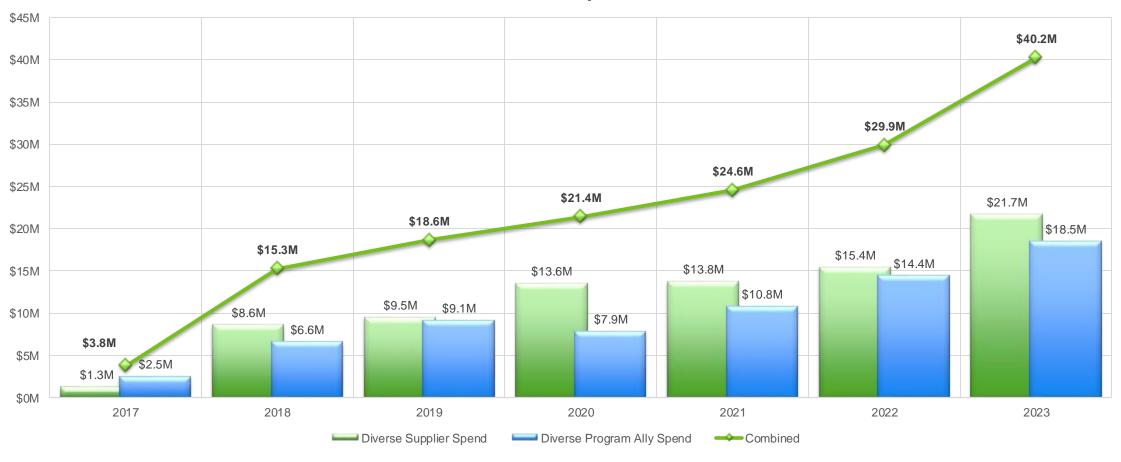






Ameren Illinois Commitment to Increase Diverse Spend

Diverse Spend





Program Performance: Health & Safety

Health and Safety Spend

Channel	Overall Spend	
IQ - Community Action Agency (CAA)	\$185,019	
IQ - Single-Family	\$2,806,712	
IQ - Mobile Homes	\$491,356	
IQ - Multifamily	\$118,295	
Total	\$3,601,382	

^{*}Health and Safety spend is included in the \$52,443,205 Income Qualified Spend.





Portfolio Partners: Business Program

Program Administrator	Standard Initiative
Prime Implementer	
	Small Business
-	Midstream
-	Custom Initiative
-	Retro-Commissioning Initiative
-	Streetlighting Initiative
-	Market Transformation

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Portfolio Partners: Business Program

Program Administrator Ameren Illinois Prime Implementer Leidos	Standard Initiative	GDS Associates Diverse Power Solutions MEEA Staples Energy
	Small Business	Diverse Power Solutions Staples Energy
	Midstream	Energy Sciences CMC Energy Services
	Custom Initiative	Energy Sciences VK Energy GDS Associates Willdan
	Retro-Commissioning Initiative	GDS Associates Power Take Off
	Streetlighting Initiative	BRK Electrical Contractors, Inc.
	Market Transformation	Resource Innovations

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Portfolio Partners: Business Program

Program Administrator
Ameren Illinois

Prime Implementer Leidos

Business Program		
% of Budget % of Savings		
36.7%	37.4%	

Yield: \$ 0.27

Standard Initiative Yield: \$ 0.27 \$/kWh	GDS Associates Diverse Power Solutions MEEA Staples Energy
Small Business Yield: \$ 0.33	Diverse Power Solutions Staples Energy
Midstream Yield: \$ 0.20	Energy Sciences CMC Energy Services
Custom Initiative Yield: \$ 0.29	Energy Sciences VK Energy GDS Associates Willdan
Retro-Commissioning Initiative Yield: \$ 0.42	GDS Associates Power Take Off
Streetlighting Initiative Yield: \$ 0.10	BRK Electrical Contractors, Inc.
Market Transformation Yield: NA	Resource Innovations

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Portfolio Partners: Business Program

★ 29.0% of the total Budget is spent on the Top 3 Business initiatives
★ 26.2% of total Savings come from the Top 3 Business initiatives

Program Administrator Ameren Illinois Prime Implementer Leidos Business Program % of Budget % of Savings 36.7% 37.4% Yield: \$ 0.27	Standard Initiative Yield: \$ 0.27 \$/kWh	% of Budget % of Savings	GDS Associates Diverse Power Solutions MEEA Staples Energy
	Small Business Yield: \$ 0.33	% of Budget % of Savings 15.0% 12.6%	Divers e Power Solutions Staples Energy
	Midstream Yield: \$ 0.20	% of Budget % of Savings 4.6% 6.2%	Energy Sciences CMC Energy Services
	Custom Initiative Yield: \$ 0.29	% of Budget % of Savings 7.4% 7.0%	Energy Sciences VK Energy GDS Associates Willdan
	Retro-Commissioning Initiative Yield: \$ 0.42	% of Budget % of Savings 1.1% 0.7%	GDS Associates Power Take Off
	Streetlighting Initiative Yield: \$ 0.10	% of Budget % of Savings 1.5% 4.3%	BRK Electrical Contractors, Inc.
	Market Transformation Yield: NA	% of Budget % of Savings 0.4% 0.0%	Resource Innovations



Portfolio Partners: Residential Program

Program Administrator	Home Efficiency
Prime Implementer	Midstream HVAC
	Multifamily
	Direct Distribution of Efficient Products
	Retail Products
	Market Transformation
	Public Housing
	Public Housing
	Income Qualified
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Portfolio Partners: Residential Program

Program Administrator Ameren Illinois	Home Efficiency	Leidos
Prime Implementer Leidos	Midstream HVAC	Energy Sciences CMC Energy Services
	Multifamily	CMC Energy Services
	Direct Distribution of Efficient Products	National Energy Foundation
	Retail Products	Walker Miller Energy Services AM Conservation
	Market Transformation	Resource Innovations
	Public Housing	CMC Energy Services
	Income Qualified	Next Slide



Portfolio Partners: Residential Program

Program Administrator	
Ameren Illinois	

Prime Implementer Leidos

Residential Program		
% of Budget % of Savings		
49.8%	45.0%	

Yield: \$ 0.30

Home Efficiency Yield: \$ 5.29 \$/kWh	Leidos
Midstream HVAC Yield: \$ 0.50	Energy Sciences CMC Energy Services
Multifamily Yield: \$ 0.35	CMC Energy Services
Direct Distribution of Efficient Products Yield: \$ 0.21	National Energy Foundation
Retail Products Yield: \$ 0.16	Walker Miller Energy Services AM Conservation
Market Transformation Yield: NA	Resource Innovations
Public Housing Yield: \$ 1.20	CMC Energy Services
Income Qualified Yield: \$ 0.32	Next Slide



Portfolio Partners: Residential Program

29.5% of the total Budget is spent on the Top 3 Residential Initiatives

35.5% of total Savings come from the Top 3 Residential Initiatives (32.2% from IQ)

Program Administrator Ameren Illinois	Home Efficiency Yield: \$ 5.29 \$/kWh	% of Budget % of Savings 0.3% 0.0%	Leidos
Prime Implementer Leidos	Midstream HVAC Yield: \$ 0.50	% of Budget % of Savings 4.1% 2.2%	Energy Sciences CMC Energy Services
Residential Program % of Budget % of Savings 49.8% 45.0%	Multifamily Yield: \$ 0.35	% of Budget % of Savings 0.7% 0.5%	CMC Energy Services
Yield: \$ 0.30	Direct Distribution of Efficient Products Yield: \$ 0.21	% of Budget % of Savings 0.8% 1.1%	National Energy Foundation
	Retail Products Yield: \$ 0.16	% of Budget % of Savings 5.1% 8.6%	Walker Miller Energy Services AM Conservation
	Market Transformation Yield: NA	% of Budget % of Savings 0.04% 0.00%	Resource Innovations
	Public Housing Yield: \$ 1.20	% of Budget % of Savings 1.3% 0.3%	CMC Energy Services
	Income Qualified Yield: \$ 0.32	% of Budget % of Savings ★ ★ ★ ★ 32.2% ★ ★	Next Slide



Portfolio Partners: Income-Qualified Initiative

Program Administrator Ameren Illinois	Community Action Agencies	Walker Miller Energy Services
Prime Implementer Leidos	Single Family	Walker Miller Energy Services
	Joint Utility	Resource Innovations
	Multifamily	CMC Energy Services
	Retail Products	Walker Miller Energy Services AM Conservation
	Community Kits	Resource Innovations
	Smart Savers	Staples Energy
	Electrification	Walker Miller Energy Services
	Manufactured Homes	Future Energy Enterprises
	Healthier Homes	Energy Infrastructure Partners, Urban Efficiency Group, Indoor Climate and Research Training



Portfolio Partners: Income-Qualified Initiative

29.0% of the total Budget is spent on the Top 3 IQ Channels

26.8% of total Savings come from the Top 2 IQ Channels

Program Administrator
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Prime Implementer Leidos

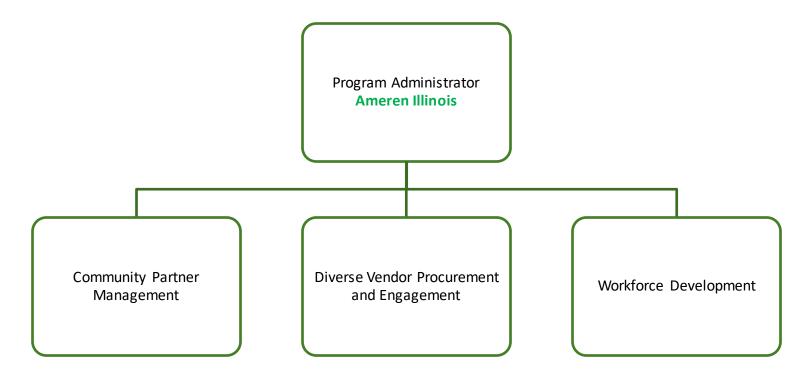
IQ Initiative	
% of Budget	% of Savings
37.4%	32.2%

Yield: \$ 0.32

Community Action Agencies Yield: \$ 3.49 \$/kWh	% of Budget % of Savings 3.1% 0.2%	Walker Miller Energy Services
Single Family Yield: \$ 1.96	% of Budget % of Savings 15.9% 2.2%	Walker Miller Energy Services
Joint Utility Yield: \$ 1.42	% of Budget % of Savings 0.4% 0.1%	Resource Innovations
Multifamily Yield: \$ 0.96	% of Budget % of Savings ★ 6.5% 1.8%	CMC Energy Services
Retail Products Yield: \$ 0.09	% of Budget % of Savings ★ 7.1% 22.9% ★	Walker Miller Energy Services AM Conservation
Community Kits Yield: \$ 0.27	% of Budget % of Savings 0.6% 0.6%	Resource Innovations
Smart Savers Yield: \$ 0.14	% of Budget % of Savings 2.0% 4.0%	Staples Energy
Electrification Yield: NA	% of Budget % of Savings 0.5% 0.0%	Walker Miller Energy Services
Manufactured Homes Yield: \$ 1.08	% of Budget % of Savings 1.4% 0.4%	Future Energy Enterprises
Healthier Homes Yield: NA	% of Budget % of Savings 0.1% 0.0%	Energy Infrastructure Partners, Urban Efficiency Group, Indoor Climate and Research Training

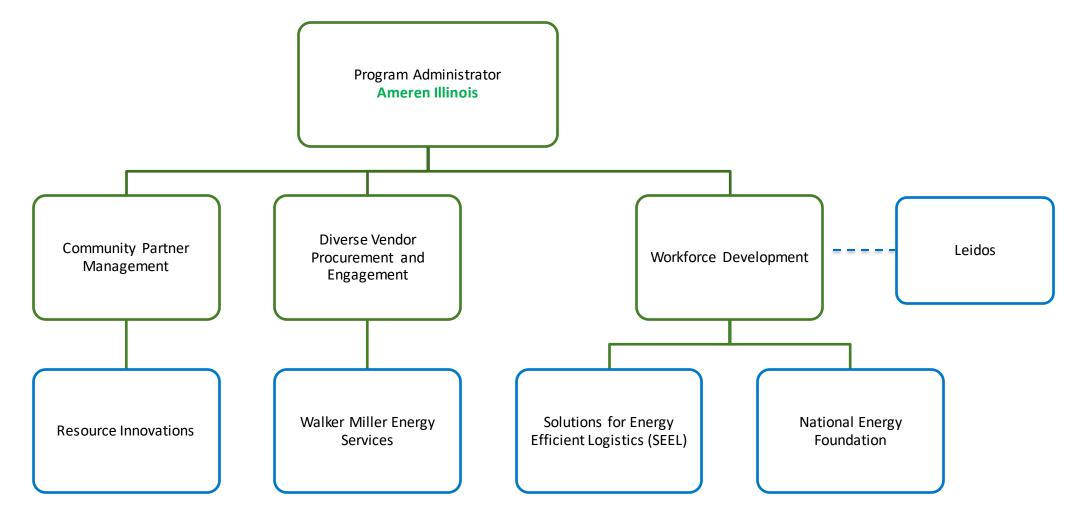


Portfolio Partners: Market Development Initiative





Portfolio Partners: Market Development Initiative



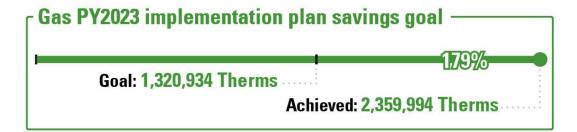


2023 Residential Program Highlights

2023 Residential Program

Program Performance





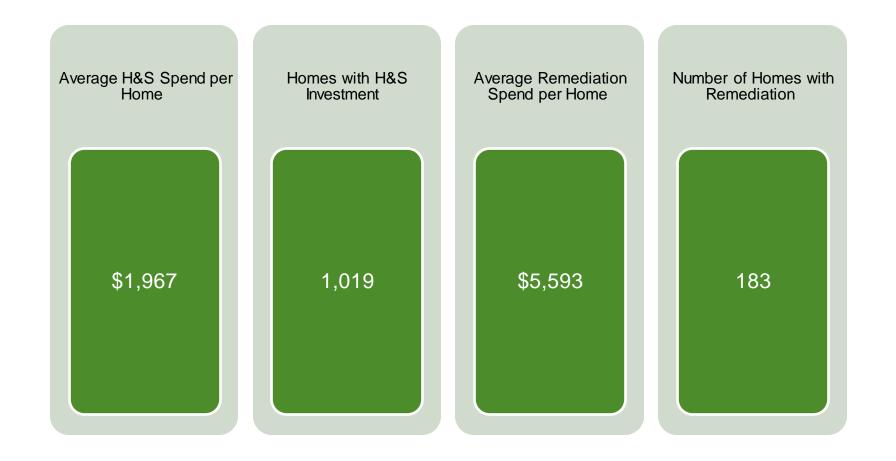


Key Initiatives	PY23 MWh*	PY23 Therms*
Income Qualified Retail Products	101,309	499,360
Retail Products Point of Purchase	26,824	83,376
Income Qualified Single Fa mily	10,160	182,005
Income Qualified Multi- family	8,168	89,537
Smart Savers	17,510	47,549
Midstream HVAC	9,842	264,636
Income Qualified CAA	1,090	111,877

^{*} including gas-to-electric conversions

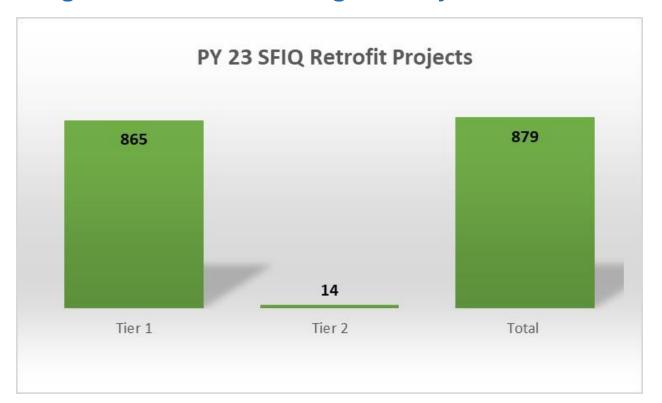


Program Performance: Health & Safety Funding Single Family Income Qualified





Program Performance: Single Family Income Qualified & Electrification



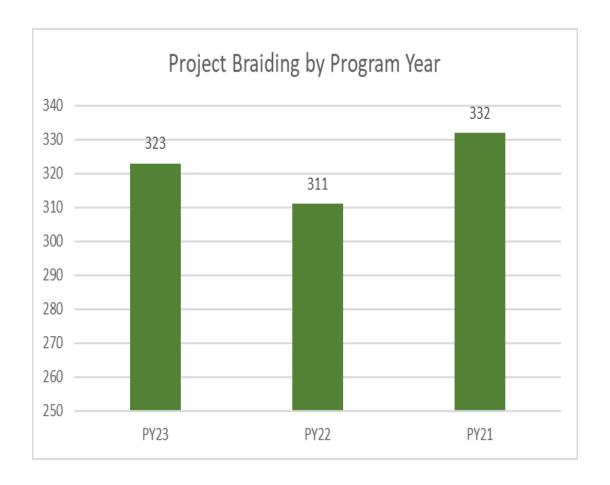


Electrification is offered to income qualified rural propane customers. Beginning in PY24, electrification projects
will be offered to select propane fueled mobile home parks and outreach will be expanded to customers
previously marketed for a switch from propane to natural gas. Implementation strategies will mirror single
family offerings including home upgrades of insulation and air sealing

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Program Performance: Community Action Agency

- In PY23, agencies braided 330 projects which represents a 6% increase over braided projects in PY22.
- While this is an improvement from the previous program year it still falls well short of the initial 400 project forecast established at the beginning of the year
- Ongoing project braiding barriers include
 - CAA Staffing
 - Grant dollar prioritization
 - Lack of qualified contractors
 - Organizational instability



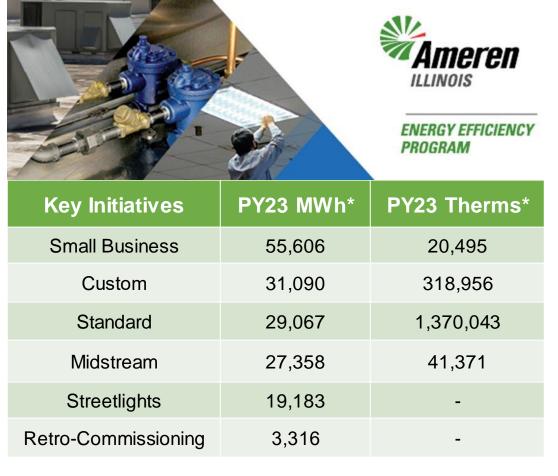


Program Performance









^{*} including gas-to-electric conversions

Performance Updates: Small Business

Small Business Direct Install

- Achieved slightly below Electric Savings Goal
- Large volume lighting projects becoming harder to come by; more focus on controls and fixture replacements
- 1,882 projects were completed by 106 Program Allies during 2023
- 3,599 projects were submitted in 2023 with a 52% conversion rate of Assessment to Installation

Small Business Energy Performance

- Achieved slighting below Electric Savings Goal
- Achieved less than half the Gas Savings Goal
- 132 weatherization measures were completed at 54 customer sites







Find a Large Business Ener Advisor



Performance Updates: Midstream



Midstream Lighting

- Achieved over 99% of goal for Electric Savings
- Enrolled 26 distributor partners in the new online submission portal for distributor transactions

Midstream HVAC

- Fully enrolled all distributors in online submission portal
- Achieved below goal for Electric and Gas Savings Goals
- New Distributors added with a focus on HPWH
- Exploring Commercial measure options

Midstream Commercial Food Service

- Achieved the Gas Savings Goal
- Achieved below the Electric Savings Goal
- Conducted Dealer Trainings
- Exploring additional measure options

Instant Incentives Distributors



Lighting (Business Customers Only)

+ Lighting Distributors Map



Heat Pump Water Heaters

+ HPWH Distributors Map

Performance Updates: Custom

Custom

- 139 Custom project applications in 2023
- Achieved below Electric and Gas Savings Goal
- ~ 5,000 MWh savings of previous Custom measures claimed through Standard
- Supply chain issues delayed 35,000 MWh in projects

Custom Support Engagement

- 20 Process Energy Assessments
- 31 Feasibility or Metering Studies in progress
- 69 Staffing Grants awarded to assist development of Custom projects

Combined Heat and Power

- 4 applications in progress in 2023
- Danville Waste-Water Treatment CHP project won the 2023 Midwest Inspiring Cogeneration Project Award from the Midwest Cogeneration Alliance









High Performance Windows MTI

Continued engagement with coordinated market studies with other utilities

Luminaire-Level Lighting Controls (LLLC) MTI

- LLLC MTI Business Plan was presented to the SAG Market Transformation Working Group and AIC will move forward based on feedback with full implementation
- Trainings for Installers and Distributors has driven portfolio participation in Networked Lighting installs



Program Year	NLC/LLLC Projects
2018	1
2019	1
2020	0
2021	9
2022	12
2023	261



2023 Market Development Initiative (MDI)

What We Do





The Market Development Initiative works to:



Increase energy efficiency engagement by customers who have not participated



Increase the number of local, diverse candidates filling energy efficiency jobs



Expand or launch new local, diverse energy efficiency businesses

2023 MDI Recap Video

2023 Market Development Initiative (MDI)

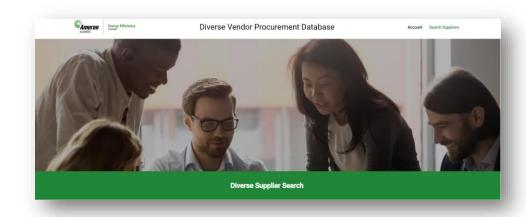
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Diverse Vendor Procurement

Encolor provided remedies for procurement barriers shared in SAG equity subcommittee

Key Learnings

- Allows for local and diverse bidders to participate and receive education on minimum standard requirements for work with utilities
- Allows the program to engage new diverse vendors for entry-level contracts in addition to larger, established procurement, allowing them to grow at any stage in their businesses through work on the Ameren Illinois Energy Efficiency portfolio
- MDI Assessment RFP enacted best practices and yielded 5 submissions from diverse bidders



Diverse Vendor Procurement (DVP) Database

- 266 new diverse vendors added in 2023
- 1,219 unique search events in 2023
- 38 new Database users in 2023
- DVP has been shared as a resource within Ameren Illinois and with our implementation partners

2023 Market Development Initiative (MDI)

Diverse Vendor Procurement



* Use CTRL + Click to select multiple values

Search by Vendor Name, Business Types, DBE Certifications, Ethnic Category, Green Certifications, Product/Service Category Ameren, Relationship Type, City, State, Utilized

Select the Business Types: All Disability-owned Woman-owned Veteran-owned Economically Disadvantaged LGBTQIA-owned	Select the DBE Certification Types: All DBE – Disadvantaged Business Enterprise DOBE – Disability-Owned Business Enterprise DVBE – Disabled Veteran Business Enterprise HUB – Historically Underutilized Business LGBTBE – LGBT Business Enterprise
Select the Location by City: All WHEATON ALBERS ALEDO ALORTON ALTAMONT	Select the Product/Service Categories: All Apparel: Branded and Logo Apparel Apparel: Other Apparel: Promotional (event giveaways) Apparel: Trade Specialty (fire retardant, specialty booties, etc.) Appliance: Commercial – Fridge, Furnace, Water Heater, A/C
Select the Relationship Types: All Ameren Program Ally Non-Ally DBE	Select Ethnicity: All African American Asian-Pacific American Asian Subcontinent American Hispanic/Latin American Native American
Select Utilization*: *Utilized = Vetted and recommended by Walker-Miller Energy Services with spend All Yes	

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Workforce Development

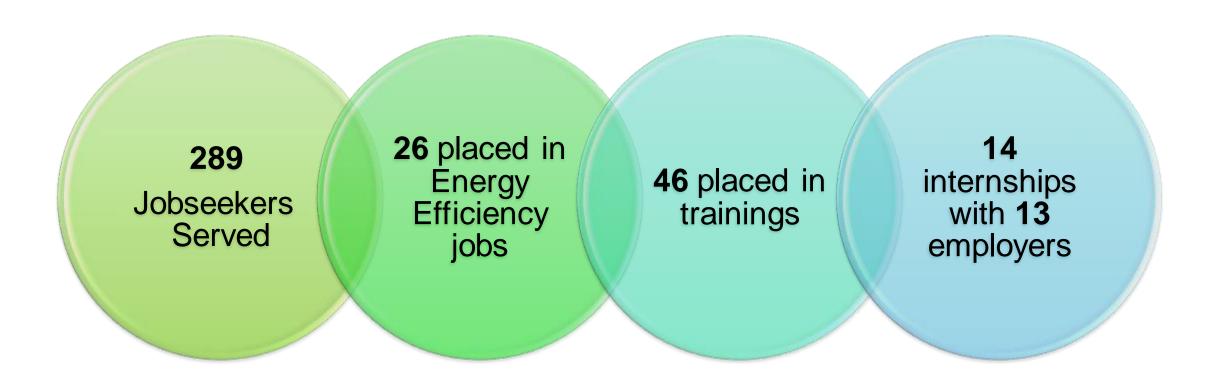
- AIC has extended the impact of MDI by pairing underrepresented groups with internships, full-time jobs, training, wrap-around services, and on-going support and case management
- With many jobs now placed, increased focus on retention, including: employer training to understand traumainformed care; and existing support services, and wraparound support for placed job-seekers
- Increased focus on retaining long-term relationships with job-seekers
 - This is a common workforce development challenge
- AIC continues to socialize services available within implementer, community partner, Community Action Agencies and Program Ally networks
 - Unique program where all services are at no cost to the employer or job-seeker, and support is available post-hire







Workforce Development



2023 Grant-Writing Support

Clean Energy Jobs Act (CEJA) Workforce Development Hubs



We are available to support you!

- If your organization is a 501c3 and interested in support services to respond to the CEJA Notice of Funding Opportunity (NOFOs), please contact Nick Lovier:
 - nlovier@ameren.com



- Total Funding Applied for: \$11,977,880.37
- Total Funding Awarded: \$4,935,630.00

 Currently underway with resubmission for the remaining funds

Grant Writing

- CEJA Climate Works Pre-Apprenticeship Program
 - Sista Girls and Friends (Decatur)
- CEJA Energy Transition Navigator Program
 - Macedonia Development Corporation/St. Louis Urban League (East St. Louis)
 - Senior Services Plus (Alton)
 - Sista Girls and Friends (Decatur)
- CEJA Workforce Network "Hub" Program
 - Lewis and Clark Community College (Alton)
 AWARDED
 - Richland Community College (Decatur)
 AWARDED
 - Macedonia Development Corporation (East St. Louis)
- CEJA Clean Energy Contractor Incubator Program
 - Minority Business Development Center (Peoria)









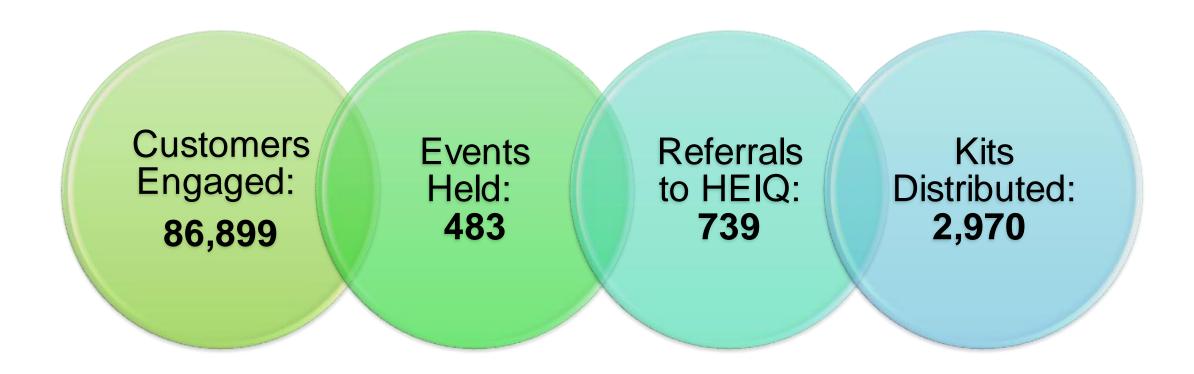
Engagement With Community-Based Organizations (CBOs)

- BCMW Community Services Centralia, IL
- Champaign County Regional Planning and Commission(CCRPC) - Champaign, IL
- CEFS Economic Opportunity Corporation -Effingham, IL
- Embarras River Basin Agency (ERBA) Greenup,
 IL
- Illinois Black Chamber (ILBCC) Peoria, IL
- Illinois Valley Economic Development Corporation (ILVEDC) Gillespie, IL
- Minority Business Development Center (MBDC) -Peoria, IL
- Springfield Urban League (SUL) Springfield, IL
- Sangamon County Department of Community Resources - Springfield, IL
- Senior Services Plus (SSP) Alton, IL
- St. Clair Community Interdepartmental Government - East St Louis, IL

- Tazwood Community Services -Bloomington/Normal/Pekin, IL
- Wabash Area Development (WADI) Wabash, IL
- Empowerment Center Decatur- Decatur, IL
- House of Hope Peoria, IL
- Two Rivers Regional Council of Public Officials Quincy, IL
- Crosswalk Community Action West Frankfort, IL
- Springfield Branch National Association for the Advancement of Colored People (NAACP) Springfield, IL
- Sista Girls and Friends Decatur, IL
- Macedonia Development Corporation East St. Louis, IL



Engagement With Community-Based Organizations (CBOs)



Resource Reminders



Free resources always available through the Market Development Initiative for community partners

- Search for or post jobs:
 - Illinois Energy Efficiency Jobs Board: https://illinoisenergyefficiencyjobs.com/
- Explore Ameren Illinois service territory using census data to identify diverse populations:
 - Ameren Illinois & Champaign County Regional Planning Commission Census Mapping Tool: https://api.aicpartner.io/v1/map.html
- Join our workforce development pipeline to be matched with energy efficiency jobs and trainings:
 - Intake form: https://workforcedevelopment.seeldigital.com/
- Ameren Illinois Market Development Initiative Website:
 - https://www.amerenillinoissavings.com/MDI/
- Watch the 2023 MDI Recap Video:
 - 2023 MDI Recap Video



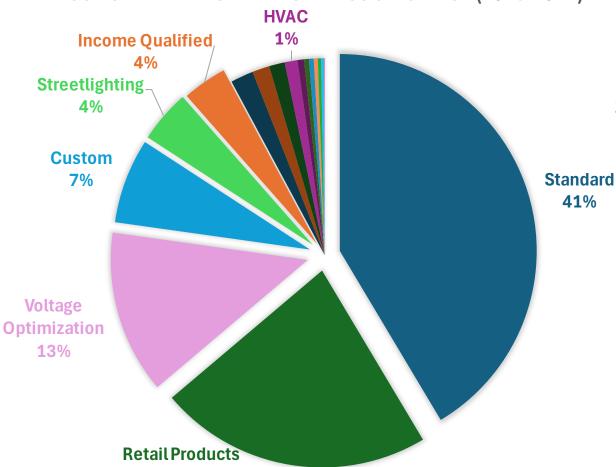
Considerations for Next Energy Efficiency Plan



Energy Savings

22%

CUMULATIVE FIRST-YEAR SAVINGS SINCE FEJA (2018-2022)



- The regulatory framework in IL has incentivized utilities to push adoption of efficient **lighting** technologies.
- 2. As a result, **over two-thirds of first-year savings** during this period have come from initiatives in which **lighting** is one of its core offerings.

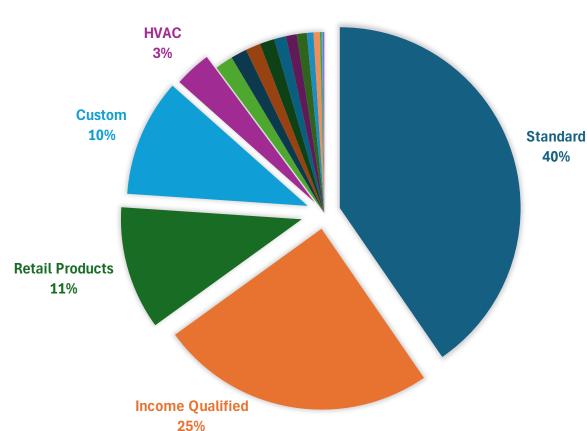
<u>initiative</u>	% or Savings		
Business Standard	41%		
Retail Products	22%		
Voltage Optimization	13%		
Business Custom	7%		
Income-Qualified	4%		
Streetlighting_	4%		
_	92%		
Others_	8%		
_	100%		

Considerations for Next Energy Efficiency Plan



Budget Allocation and Energy Savings

COST ALLOCATIONS SINCE FEJA (2018-2022)



- 1. About 90% of the budget has been allocated to the top 5 initiatives.
- 2. About 25% of the budget has been invested into income-qualified customers, while producing 4% of the savings.

<u>Initiative</u>	% of Budget	% of Savings
Business Standard	40%	41%
Income-Qualified	25%	4%
Retail Products	11%	22%
Business Custom	10%	7%
Single Family HVAC	3%	1%
	90%	75%

Considerations for Next Energy Efficiency Plan



Market Change Implications

Cumulative First-Year Savings Since FEJA 2018-2022

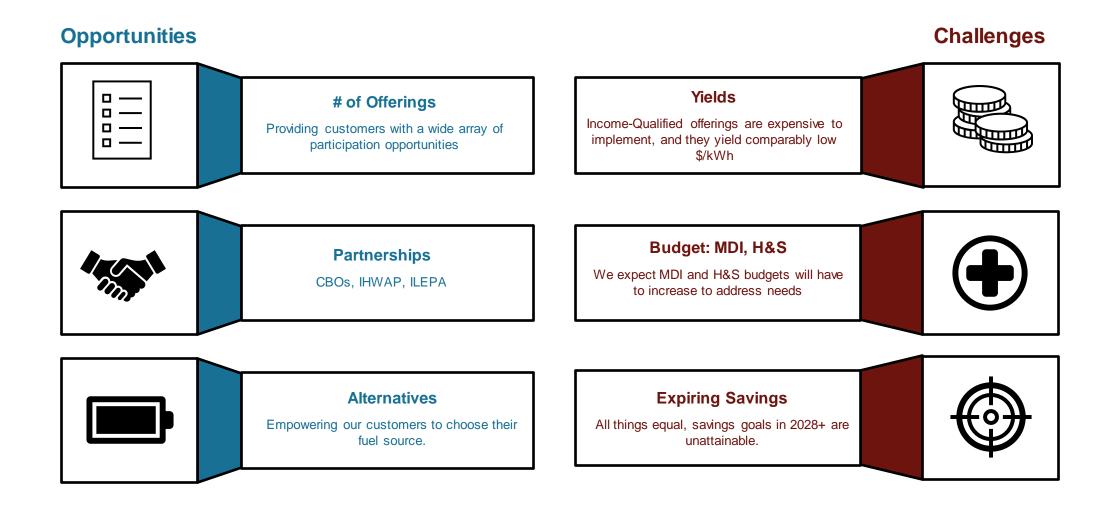
<u>Initiative</u>	% of Savings	MWh	Remove Lighting Savings & VO	<u>Initiative</u>	% of Savings	<u>MWh</u>
Business Standard	41%	816,871 [–]	→ 	→ Business Standard	20.7%	408,436
Retail Products	22%	441,334	∳ -90%	Retail Products	2.2%	44,133
Voltage Optimization	13%	264,167	-83%	Voltage Optimization	2.3%	44,908
Business Custom	7%	137,316	-5%	Business Custom	6.6%	130,450
Income-Qualified	4%	71,847	→ -30%	Income-Qualified	2.6%	50,293
Streetlighting	4%	85,287	→ -95%	Streetlighting	0.2%	4,264
	92%	1,816,823	→ -62%		34.6%	682,485
Others	8%	154,600	-50%	Others	3.9%	77,300
	100%	1,971,423	→ -61%		38.5%	759,785

% of Savings Opportunity Lost: 61.5%

Savings Opportunity Loss: 1,211,638 MWh

Considerations for 26-29 Energy Efficiency Plan







Energy EfficiencyPROGRAM

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