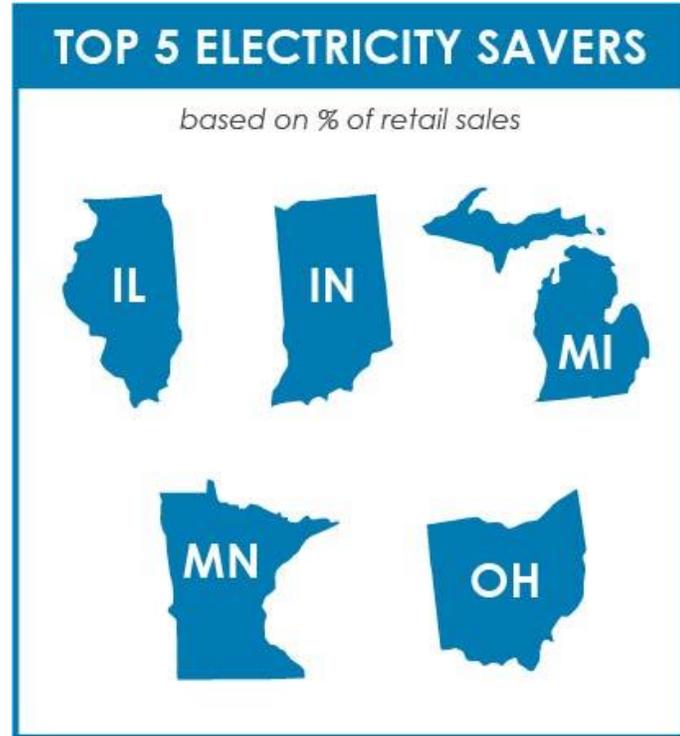


2020 MIDWEST ENERGY EFFICIENCY SPOTLIGHT



[#MEEASpotlight](#)

MEEA is excited to present the 2020 Midwest Energy Efficiency Spotlight, which showcases the impact energy efficiency (EE) policies and programs have had for Midwestern residents and businesses. The metrics we highlight depict the Midwest EE industry and chronicle the vast benefits EE has had on the region. The following facts and figures cast a spotlight on how the EE industry creates prosperous and resilient local, state and regional economies while driving energy savings to meet current and future energy demand.



8.9 million
MWh of Electricity Saved
(2018)

The Midwest saved 8.9 million MWh in 2018. The top five states are the regional leaders in energy savings, responsible for 76% of the region's total 2018 electricity savings.

In 2020, our 13 states will collectively invest almost \$1.87 billion dollars in EE to save both natural gas and electricity. EE investment in the Midwest has more than doubled over the past decade and is almost 15 times what it was at the turn of the millennium. This investment signals a regional commitment to energy savings, and demonstrates that utilities, policymakers, regulators and stakeholders recognize EE as a necessary resource to meet energy demand cost-effectively.



153 million

**Therms of Natural Gas Saved
(2018)**

The Midwest saved 153 million therms in 2018. The top five states represent 90% of the region's annual natural gas energy savings. Natural gas efficiency savings and spending are better reported in some states than others, and there is no federal gas EE reporting as with electricity. Enhancing natural gas EE reporting would increase our understanding of this resource for our region.



MUNICIPAL & COOPERATIVE UTILITY HIGHLIGHTS

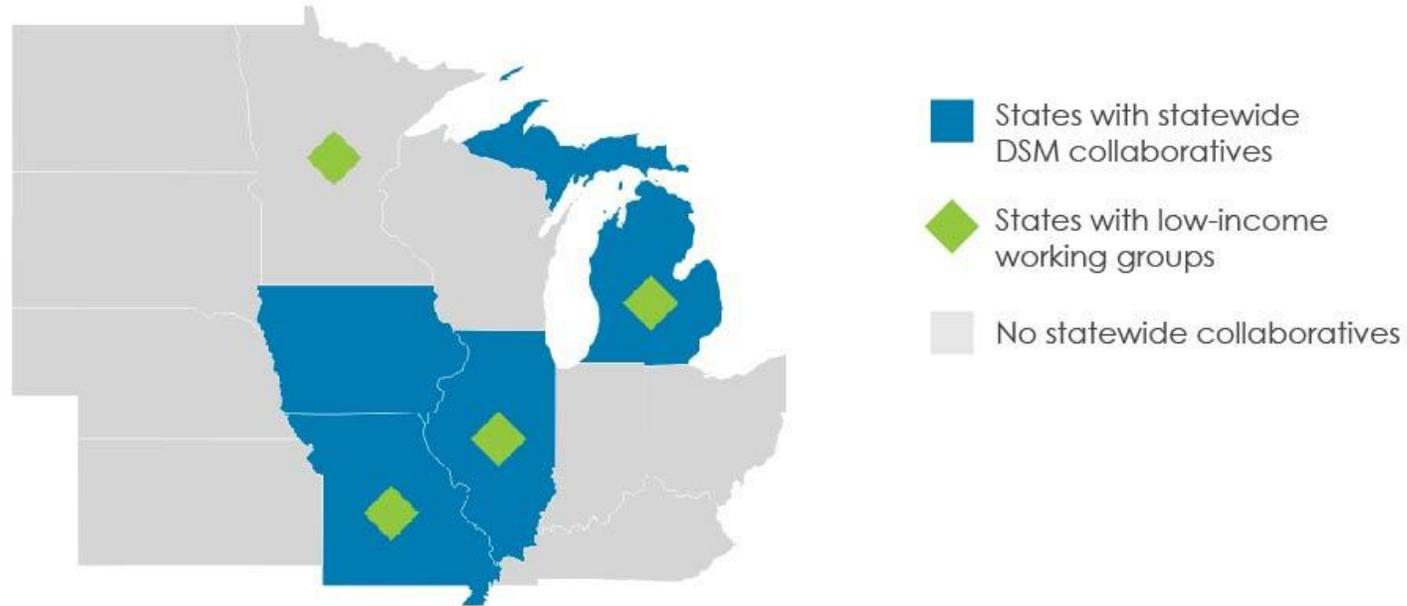
Great River Energy (MN) Cooperative 141,755 MWh 	East Kentucky Power Coop, Inc (KY) Cooperative 39,213 MWh 	Corn Belt Power Coop (IA) Cooperative 33,163 MWh 	Omaha Public Power District (NE) Political Subdivision 31,187 MWh 	City of Lansing (MI) Municipal 25,810 MWh 
Wabash Valley Power Assn, Inc (IN) Cooperative 37,150 MWh 	Hoosier Energy R E C, Inc (IN) Cooperative 33,464 MWh 	Rochester Public Utilities (MN) Municipal 25,192 MWh 	Lincoln Electric System (NE) Municipal 19,190 MWh 	City of Holland (MI) Municipal 19,381 MWh 

A quarter of the region's electric customers live in primarily small cities and rural areas. These areas are served by numerous municipal and cooperative utilities in the Midwest, many of which run strong energy efficiency programs.

Based on annual federal energy reporting for 2018, these are the top 10 electricity-saving municipal, cooperative and public power utilities in the Midwest. For consistency and comparability, some municipalities have been aggregated according to the joint action agencies that serve those member utilities.



STATEWIDE POLICY COLLABORATIVES



Policies designed to drive energy savings vary across the Midwest. Some states use mandatory savings requirements while others utilize long range planning processes. Regardless of the directives to utilities, it's apparent an active statewide policy collaborative can foster transparency and improve program design. Stakeholder collaboratives can bring together utilities, implementers, evaluators, regulatory staff, consumer advocates, community leaders and other interested parties. Collaboratives facilitate information sharing and aim to reduce the number of contested issues in regulatory commission proceedings.

Illinois has a long-running statewide collaborative, and its website facilitates public participation in the collaborative.

Both **Illinois'** and **Michigan's** collaboratives are sustained through monthly meetings that allow for continued dialogue and regular updating of resources supporting the implementation of EE programs.

Finally, the **Missouri** Public Service Commission staff convene quarterly collaborative meetings with agendas jointly developed by stakeholders.



TOP SAVERS FROM ENERGY CODES



Special Honors

MOST IMPROVED STATE (ADOPTION):

Nebraska

In 2018, Nebraska became the first state in the Midwest to adopt the unamended 2018 IECC. This will result in an approximately 30% improvement in building efficiency.

MOST IMPROVED JURISDICTION (ADOPTION):

St. Louis County, MO

After more than five years, St. Louis County updated their residential and commercial code from the 2009 to 2015 IECC.

MOST IMPROVED (COMPLIANCE):

Missouri

Ameren Missouri helped to improve energy code compliance throughout their region with the implementation of a 3-year energy code support program.

Regular adoption of updated building codes and improved compliance with existing codes is critical to ensuring new commercial and residential buildings are energy efficient. Note the five states achieving the greatest energy savings through building energy code adoption in the residential and commercial sectors – among these states are national leaders in codes adoption.

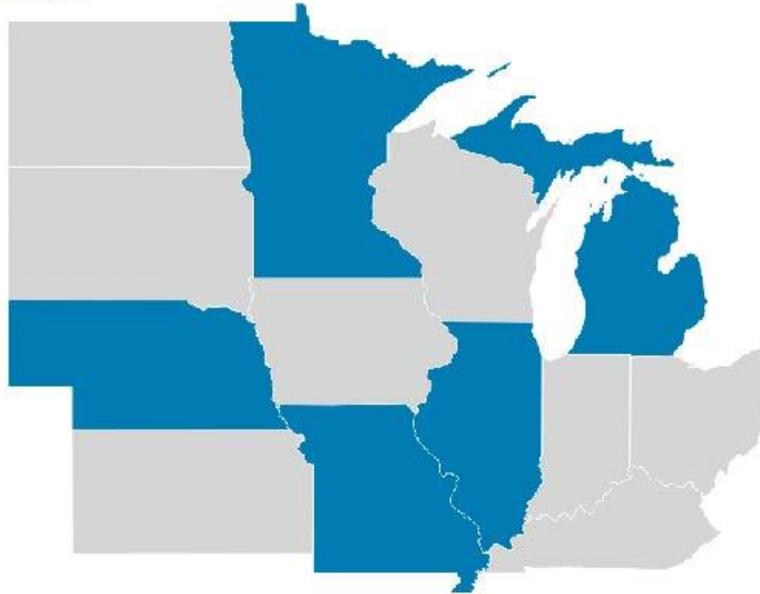
Nebraska achieved most improved adoption by completing a residential compliance study and holding hearings to adopt the 2018 IECC (most up to date version of the national model energy code), establishing Nebraska's unamended 2018 IECC as the strongest residential code in the Midwest. This will result in approximately 30% improvement in building energy efficiency.

In 2019, **St. Louis, MO** updated its residential and commercial code from the 2009 to the 2018 IECC, earning the recognition of most improved adoption for a jurisdiction.

Missouri gets the most improved compliance award due to Ameren Missouri's efforts to help improve energy code compliance throughout their territory with the implementation of a 3-year energy code support program.



ENERGY CODE COMPLIANCE COLLABORATIVES



Special Honors

MOST ACTIVE

Missouri

The Ameren Missouri Energy Code Compliance Collaborative met quarterly to address key compliance challenges and identify new opportunities.

MOST INNOVATIVE

Michigan

The Michigan Energy Office continued its facilitation of a code compliance collaborative and funded several innovative approaches to increasing energy code awareness and improving compliance.

 Active collaborative

Statewide collaboratives are also valuable in the building energy codes sector. The collaboratives that focus specifically on addressing barriers to building energy code compliance are gaining traction in the Midwest, as indicated by the map. 2019 saw collaboratives form in Michigan and Missouri. We anticipate greater activity in 2020 as collaboratives mature.

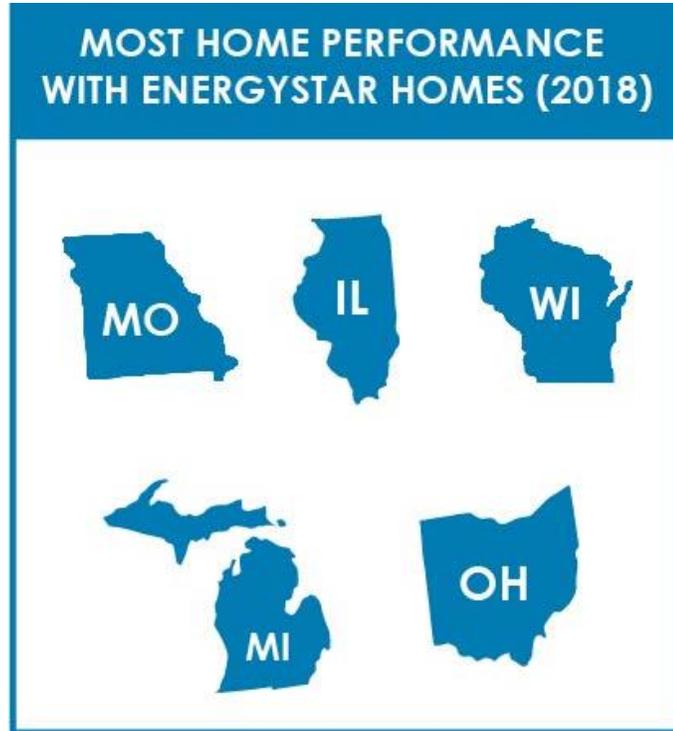


89,797,350
MWh Generated via
Combined Heat and Power
(2018)

Combined heat and power (CHP), or cogeneration, is a system that recovers heat that would otherwise be lost in power generation and uses it to generate heating and/or cooling and power from a single fuel source. CHP can be over 40% more efficient than traditional generation and is more cost-effective than providing heat and electricity separately. In some states, utilities can count CHP toward energy efficiency goals.

Manufacturing, institutional facilities and commercial buildings are taking advantage of CHP to improve the reliability and resiliency of their operations.

According to federal electric generation data, 89.8 million MWh of electricity were generated through CHP in our region in 2018.



73,607

**Total HPwES Certified
Homes
(2006-2018)**

Within the residential sector, five Midwest states operate Home Performance with ENERGY STAR (HPwES) programs. HPwES helps homeowners save money on their energy bills, helps the residential real estate market value energy efficiency and allows homebuyers to easily identify energy efficient homes. MEEA contributed to this by implementing the award-winning Illinois Home Performance with ENERGY STAR program from 2009-2019. Over the duration of the program, more than 11,000 ENERGY STAR certificates were issued to Illinois residents. MEEA also facilitates the Midwest Home Performance collaborative, which brings together home performance program staff from across the region to foster discussions and create solutions through quarterly webinars and meetings.

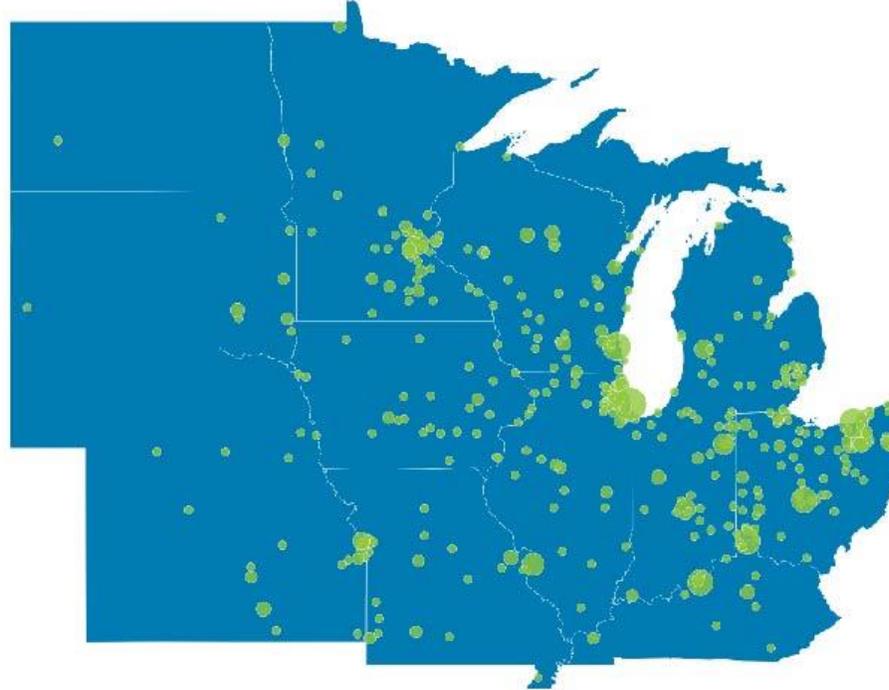


6,373

**Building Operator Certification
Graduates
(cumulative since 2003)**

The Building Operator Certification® (BOC) program drives operational efficiency and creates economic opportunities for operators of facilities in the commercial and industrial sectors. The BOC program achieves measurable energy savings by training maintenance technicians and individuals directly responsible for day-to-day building operations. BOC graduates use the tools learned in training to help their facilities save energy, reduce costs and improve the efficiency of their building systems.

Fundamentally, BOC is a job training and workforce development program that adds skillsets to increase building operators' value in the job market. According to NEEC's 2012 Career Advancement Survey, 51% of BOC-certified professionals receive a salary increase, 25% are promoted, 16% receive bonuses and 9% acquire a new position. MEEA began running this program in 2003, helping 6,373 building operators achieve certification along the way.

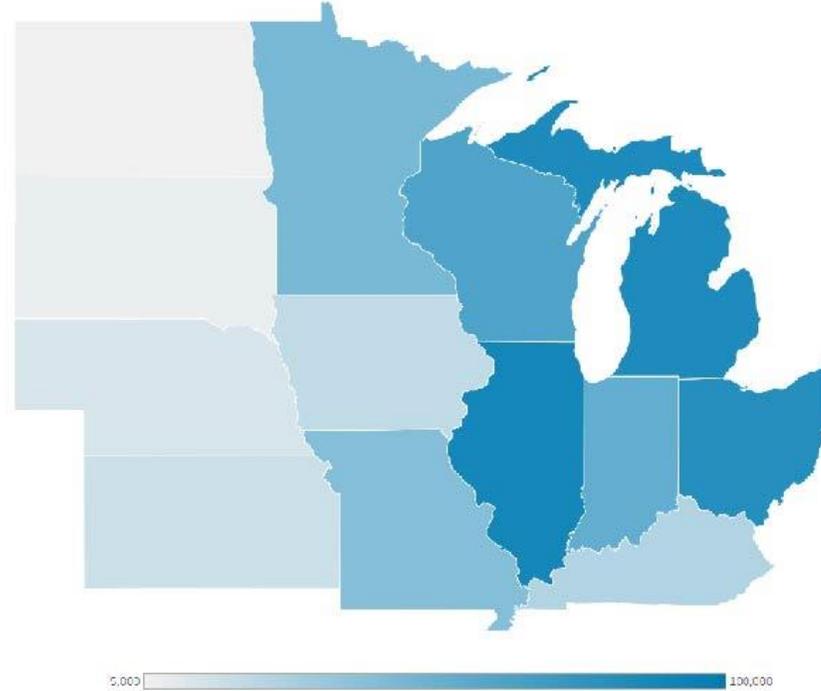


Energy efficiency is proudly made in the Midwest. We have identified nearly **600 manufacturing locations** for energy efficient products, as well as company headquarters, across the region. The points on the map represent facilities associated with more than 400 companies and brands. This map represents 52 more locations than our map from last year and reflects the additional DOE Better Plants and EPA Energy Star challenge for industry partners added since last year.



552,331

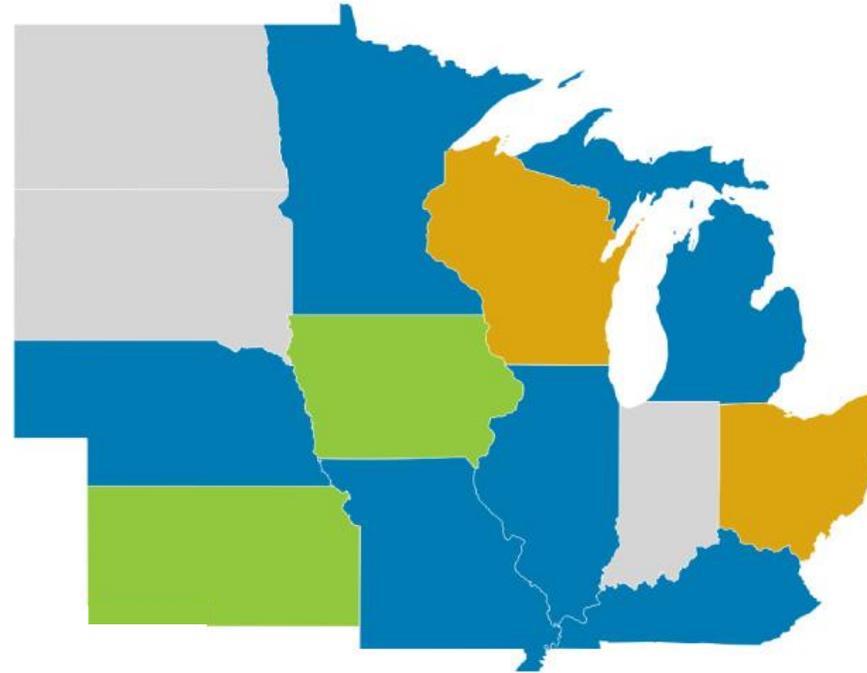
**Energy Efficiency Jobs
(as of 2018)**



Energy efficiency employs more than half a million people across the Midwest and is rising. The workforce increased by more than 14,000 jobs from 2017 to 2018. This map shows where these jobs are located across the region.

So, what is an EE job? EE jobs span the sectors of blue- and white-collar work, driven primarily by small, local businesses as well as multinational corporations and research institutions. EE jobs can include installation, financing, program evaluation, manufacturing, advocacy and engineering of energy efficiency goods and services, among others.


\$153,376,556
Total PACE Investment
(2018)



For some customers, the upfront cost of energy efficiency upgrades is a barrier to energy savings. Financing mechanisms can increase an energy customer's access to energy efficiency. Property Assessed Clean Energy (PACE) and on-bill are two financing tools used by Midwestern states to expand the adoption of energy efficiency upgrades. PACE administrators offer loans to customers which cover all upfront costs of EE measures. The loan is paid through a special assessment on the property's tax bill. The on-bill model allows customers to pay for energy efficiency measures over time using a portion of bill savings from those measures. On-bill financing is now allowed in eight Midwestern states; PACE is also allowed in eight states and has funded 377 projects in the region since 2008.

Michigan PACE Market

Presented by:

Bali Kumar, CEO

Lean & Green Michigan, LLC

Agenda

- Michigan PACE market 101
- 2019 Recap
- 2020: Looking Forward

Agenda

- Michigan PACE market 101
- 2019 Recap
- 2020: Looking Forward

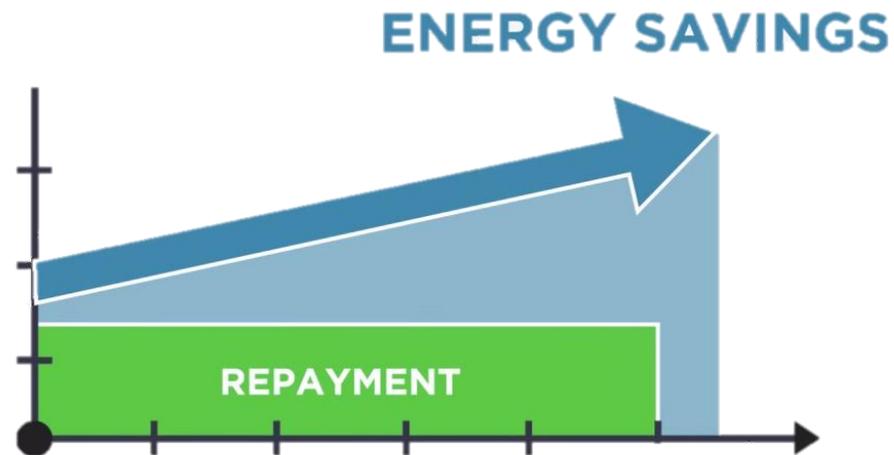
What is PACE?

Property Assessed Clean Energy (PACE):

a long-term financing mechanism that allows ***commercial, industrial, multifamily, non-profit, and agricultural*** property owners to make their buildings more energy efficient without incurring upfront costs.

The PACE Solution

“Property Assessed” - the energy project is repaid through a special assessment on the property tax.
Result: no money down and *positive cash flow*



Example

Project Illustration	
Efficiency project cost	\$500,000
Annual energy and maintenance savings	\$70,000
Simple payback	$\$500,000 / \$70,000 = 7.14$

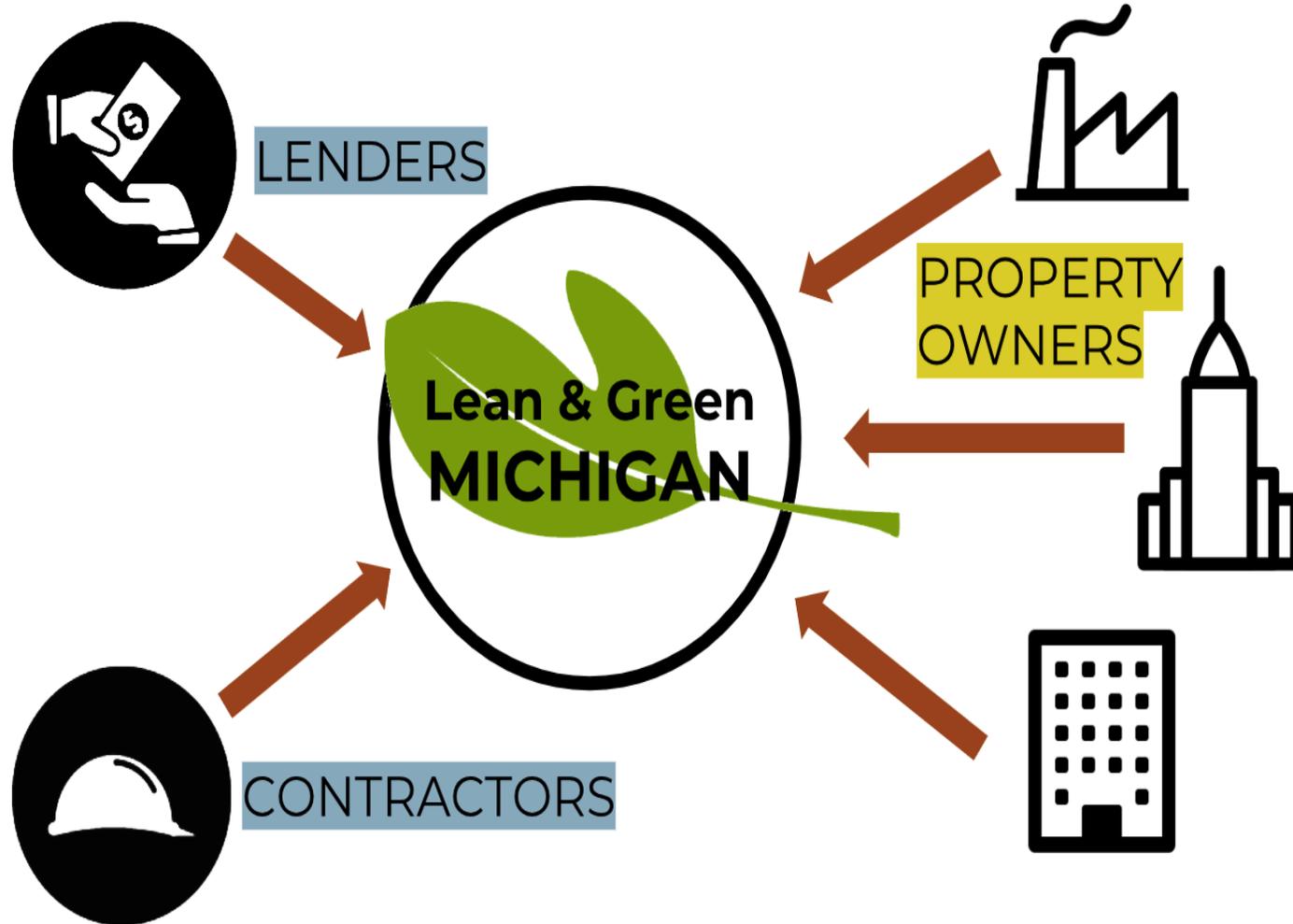
Short-term bank loan payback

Year	1	2	3	4	5	6	7
Energy savings	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Maintenance savings	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Total savings	70,000	70,000	70,000	70,000	70,000	70,000	70,000
Debt payments	87,654	87,654	87,654	87,654	87,654	87,654	87,654
Net savings	-17,654	-17,654	-17,654	-17,654	-17,654	-17,654	-17,654
Cum. net savings	-17,654	-35,308	-52,962	-70,616	-88,270	-105,924	-123,578

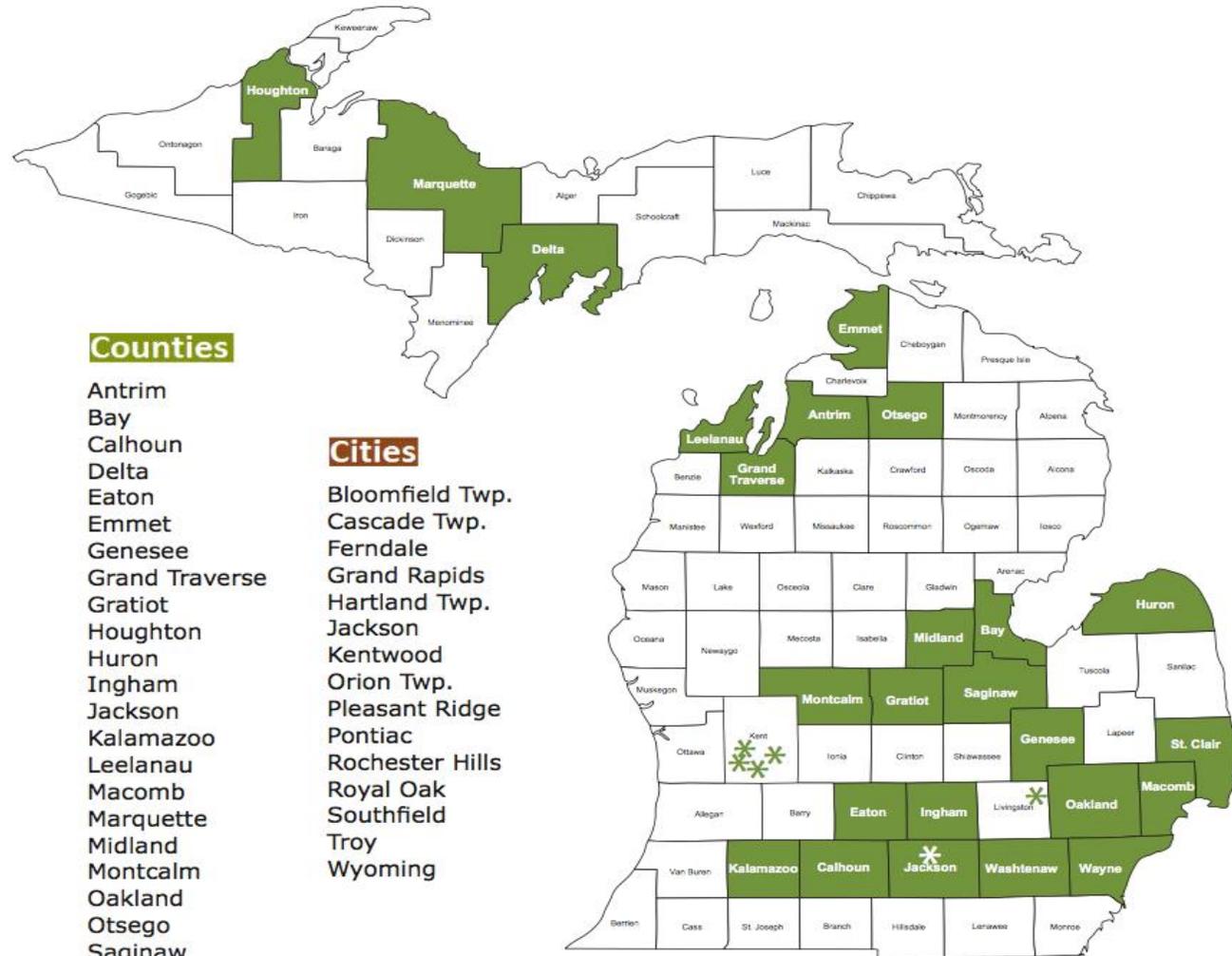
Long-term PACE assessment payback

Year	1	2	3	4	5	6	7
Energy savings	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Maintenance savings	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Total savings	70,000	70,000	70,000	70,000	70,000	70,000	70,000
Debt payments	42,984	42,984	42,984	42,984	42,984	42,984	42,984
Net savings	27,016	27,016	27,016	27,016	27,016	27,016	27,016
Cum. net savings	27,016	54,032	81,048	108,064	135,080	162,096	189,112

Lean & Green Michigan



Map of Participating Jurisdictions



Counties

- Antrim
- Bay
- Calhoun
- Delta
- Eaton
- Emmet
- Genesee
- Grand Traverse
- Gratiot
- Houghton
- Huron
- Ingham
- Jackson
- Kalamazoo
- Leelanau
- Macomb
- Marquette
- Midland
- Montcalm
- Oakland
- Otsego
- Saginaw
- St. Clair
- Washtenaw
- Wayne

Cities

- Bloomfield Twp.
- Cascade Twp.
- Ferndale
- Grand Rapids
- Hartland Twp.
- Jackson
- Kentwood
- Orion Twp.
- Pleasant Ridge
- Pontiac
- Rochester Hills
- Royal Oak
- Southfield
- Troy
- Wyoming

PACE in Michigan

43

Local governments
have joined Lean &
Green Michigan

\$37M

worth of C-PACE
projects have been
completed in Michigan

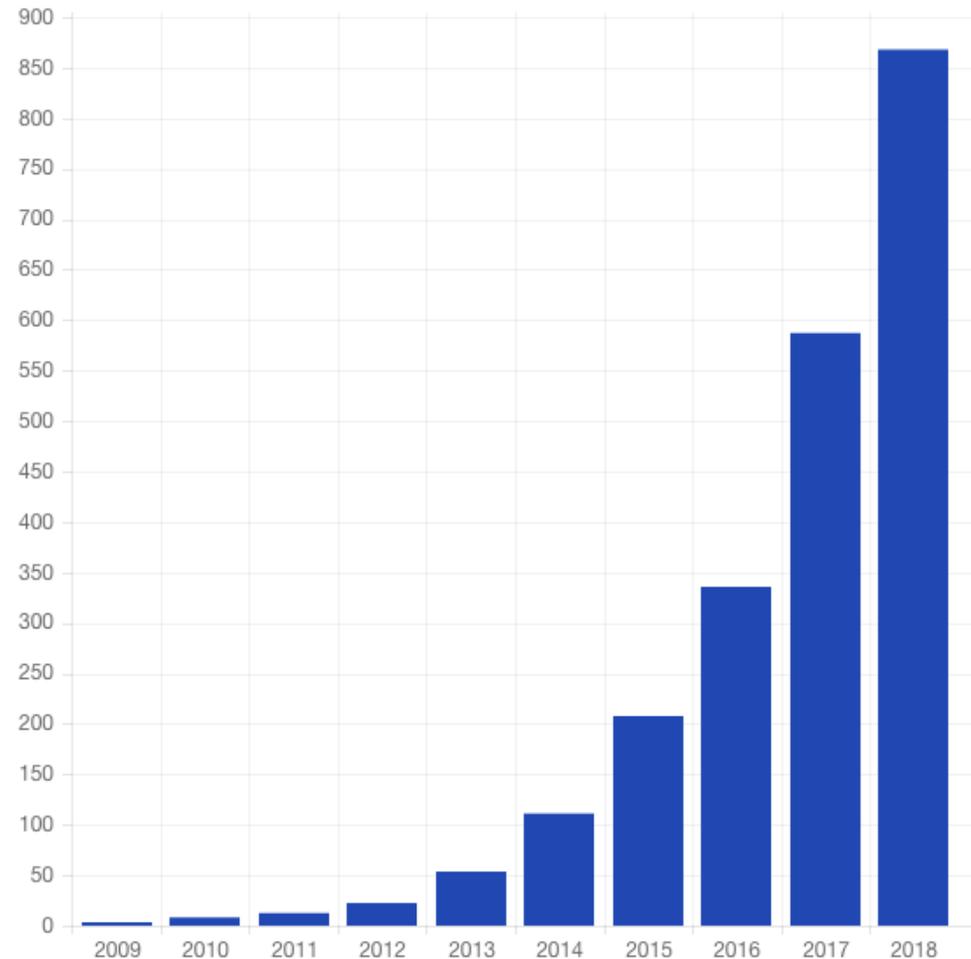
71%

of Michigan's population
lives in Lean & Green
jurisdictions

National C-PACE Market

- More than 2,000 commercial projects, over \$1.1BN financed
- Over 16,500 jobs created

CUMULATIVE C-PACE INVESTMENT, MM (2009-2018)



Agenda

- Michigan PACE market 101
- **2019 Recap**
- 2020: Looking Forward

LAGM market updates

24

Total Number of PACE Projects

Over \$37 million

Invested in PACE Projects

293,000,000

Total kWh of Electricity Savings

207,163

Total Tons of CO2 Savings

181,391,000

Total Gallons of Water Saved

Over \$65 million

Total Savings

Over 540

Number of Jobs Created

LAGM market updates

2019 New Local Governments

- Jackson County
- Emmet County
- Cascade Township
- City of Hillsdale
- Bath Township
- Bedford Township

LAGM market updates

2019 PACE Summits

- Detroit (with IBEW-NECA)
- Grand Rapids (West Michigan)

LAGM market updates

“PACE Express”

- PACE projects \$250,000 and below
- SIR and ESG not required
- Cheaper, faster, easier



lean & green
MICHIGAN™

PACE Express Program Application

Property and Property Owner Information

- Property Parcel Legal Name(s) (as they appear on property tax records)**
Parcel #: Click here to enter text.
Address: Click here to enter text.
Owner: Click here to enter text. (Legal name)
- Property Type (Check all that apply)**
 - Commercial**
 - Grocery/convenience store
 - Health care/clinic
 - Mixed use
 - Multi-family unit (4 or more)
 - Office
 - Retail
 - Restaurant
 - Recreational
 - Warehouse
 - Other - Please describe [Click here to enter text.](#)
 - Industrial**
 - Agricultural**
 - Nonprofit**
- Property Owner(s) Contact Information**
Contact Name: Click here to enter text. (Person that will sign loan documents)
Company Name: Click here to enter text. (As it should appear in legal documents)
Address: Click here to enter text.
E-mail Address: Click here to enter text.
Telephone Number: Click here to enter text.
- Property Owner(s) Type**
 - Individual
 - Corporation
 - LLP
 - 501(c)3
 - LLC
 - Other (please specify)
- Property Valuation**

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First PACE Express project



Storer Camps

YMCA of Greater Toledo finances with PACE Express

Project Quick Stats:

PACE district: Jackson County
Property owner: YMCA of Greater Toledo
PACE contractor: GEM Energy
PACE lender: Greenworks Lending, LLC
Amount financed: \$153,270
Project term: 20 years
Total Energy Savings: \$111,480*
Energy conservation measures:

- Multiple furnace upgrades
- Digital thermostats
- Boiler upgrade
- LED lighting
- Domestic hot water

Impact: The YMCA Storer Camps will result in a reduction in CO2 emissions equivalent to eliminating the energy use of 74.7 homes for each of the 20 years of the project.

*Under PACE Express, savings is not required to exceed investment.

Overview

Sitting on approximately 1,300 acres of beautiful Irish Hills region of southeast Michigan, the YMCA Storer Camps PACE project is part of a larger energy efficiency initiative the Greater Toledo YMCA has in the works, in which five other YMCA properties in northwest Ohio will be utilizing PACE.

To finance energy improvements at Storer Camps, the property owner utilized Lean & Michigan's **PACE Express** program — a new 2019 program that is designed to help finance smaller PACE projects (at and below \$250,000 in PACE financing). **The YMCA Storer Camp marks Lean & Green Michigan's first PACE Express project!**

The YMCA Storer Camps PACE project also marks the first PACE project to close in Jackson County, and the first Michigan PACE project for contractor GEM Energy.

The YMCA Storer Camps serves as an excellent example for how smaller PACE Express projects can finance significant energy efficiency upgrades through PACE Express.

First House of Worship

LEAN & GREEN MICHIGAN CASE STUDY: Detroit Unity Temple

Dec. 2019



Detroit Unity Temple

Michigan's first House of Worship PACE project

Project Quick Stats:

PACE district: Wayne County
Property owner: The Detroit Unity Association
PACE contractors: Green Portfolio Solutions,
Wright Energy Partners
PACE lender: Greenworks Lending, LLC
Amount financed: \$250,000
Project term: 20 years
Total energy savings: \$527,825*
Energy conservation measures:

- Lighting improvements
- Insulation
- Building envelope
- Roof repair

Impact: The Detroit Unity Temple PACE project will result in a reduction in CO2 emissions equivalent to eliminating the energy use of 124

Overview

Located in the heart of Detroit's Palmer Park, the historic Detroit Unity Temple is the first house of worship to take advantage of PACE financing! This project is also the first PACE Express project completed in Wayne County.

Green Portfolio Solutions helped Detroit Unity Temple to receive \$250,000 - the maximum amount of financing under the PACE Express program.

Wright Energy Partners will complete the retrofit. The project bundles important roof repair with lighting, insulation, and building envelope improvements. Wright Energy Partners curated a cash-flow positive PACE project for Detroit Unity Temple that will result in long-term utility savings for the Detroit Unity Association, and a more comfortable building for all who visit and worship at Detroit Unity Temple.

LAGM market updates

New construction policy

- 2019 Policy – based on Wisconsin and grandfathering prior code → transitioning to new code
- 2020 Policy – finance measures that exceed code

First New Construction & New Largest

CRAIN'S DETROIT BUSINESS

NEWS

AWARDS

SPECIAL FEATURES

DATA/LISTS

VOICES

EVENTS

CRAIN'S CONTENT STUDIO

Cambria Hotel project in Detroit receives \$6.8 million in PACE energy efficiency loan funding

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- Cambria Hotel in Detroit is being redeveloped using special energy efficiency funding stream
- About \$6.8 million of the \$49 million total development cost will come through PACE program
- Cambria is expected to open in 2020





Apply Today

Filter Options

Select Location

Select

Select Type

- ✓ Select
- Hospitality
- Industrial
- Mixed-use
- Multi-family housing
- New Construction
- Nonprofit
- Office

Featured Case Studies



513-515 West Ionia Street



Battle Creek YMCA



Blue Water YMCA



Cambria Hotel



Agenda

- Michigan PACE market 101
- 2019 Recap
- **2020: Looking Forward**

2020 – The Next Frontier

- New Construction will take off
- Cannabis
- Offices in Lansing and Grand Rapids
- PACE Summits in Ann Arbor and Northern MI
- Closer partnerships – incl. MEDC, MEDA, ULI, etc.
- PACE → Real Estate Finance, Economic Development

Contact

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info@leanandgreenmi.com for general inquiries

SHOW ME PACE

MEI is administrator of Show Me PACE

WE ARE MEI
Missouri Energy Initiative

Mizzou
University of Missouri - Columbia

Bernhard
Energy Solutions

MISSOURI BOTANICAL GARDEN

PLUMBERS & PIPEFITTERS LOCAL 562

ELECTRICAL CONNECTION.ORG
BEW/NECA

Liberty Utilities
WATER GAS ELECTRIC

MRIGlobal

GREATER KANSAS CITY
BUILDING & CONSTRUCTION TRADES COUNCIL

CONTINENTAL CEMENT

Bridging The Gap

NorthStar

Washington University in St. Louis

usbank

MC POWER

WATER & LIGHT

ADM

ITC
Great Plains

CITY UTILITIES

Igrene
ENERGY FUND

POLSINELLI

Ameren
FOCUSED ENERGY. For Life.

THE DOE RUN COMPANY

CLEAR VISION
DEVELOPMENT GROUP

accenture
High performance. Delivered.

spire

XAVIER COLLEGE
founded in 1864

KCP&L
energizing life

MISSOURI S&T
University of Science & Technology

MISSOURI SUN SOLAR

**MEI Board Members
Legacy Investors**

Not Listed: Governor Bob Holden, Congressman Kenny Hulshof, Steve Mahfood, Jim Fischer, Ron Wood

Josh Campbell – Exec. Dir. MEI – Administrator Show Me PACE

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www.showmepace.org

www.ShowMePACE.org

SHOW ME PACE

**PACE was authorized
by the Missouri State
Legislature in 2010**

Legislation spells out

- > requirements for acceptable projects**
- > assessment process**
- > designation of clean energy districts as political subdivisions.**

PACE IN MISSOURI



FOUR ACTIVE MISSOURI PACE PROGRAMS

Clean Energy Development Boards (CEDB) are authorized by Missouri law and serve as the local governing boards for Missouri PACE programs.

There are four active CEDBs:

- **Show Me PACE Clean Energy District – 55 Communities (2015)**
- Missouri Energy Savings Program (STL County) (2016)
- **Missouri Clean Energy District – 80 Communities (2010)**
- Set the PACE St. Louis (City of St. Louis) (2013)



\$5.93 Billion Total National PACE Deal Flow

C-PACE: \$756mm

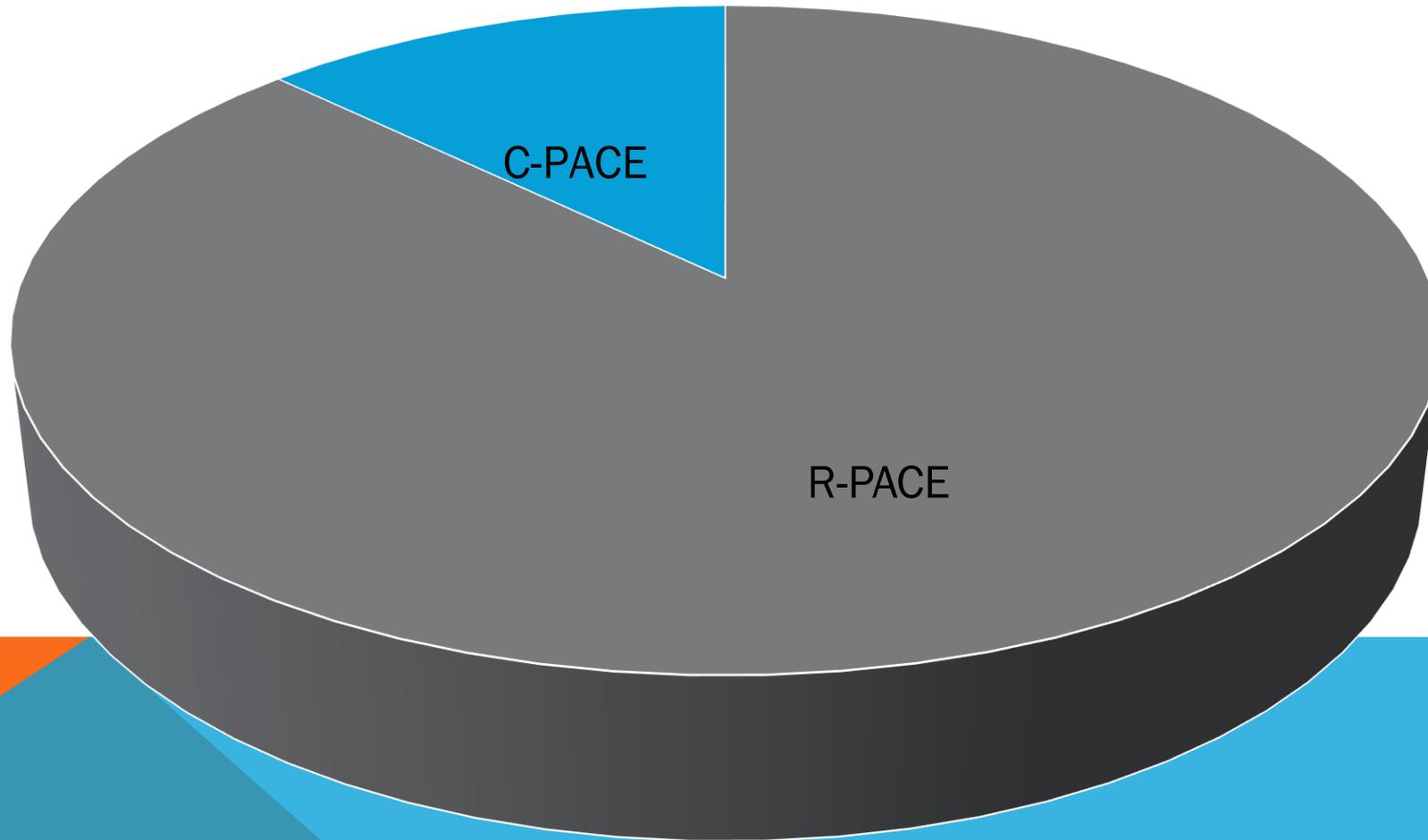
~1790 projects

~20 active states

R-PACE: \$5,172mm

~220,000 projects

3 states: CA,MO,FL



■ Residential PACE

■ Commercial PACE

Economic Impact 2015-2019



The Missouri Energy Initiative established Show Me PACE in July, 2015.
Fifty-five municipalities across Missouri have joined Show Me PACE since then.

Show Me PACE Approved Commercial Projects

\$47 million in C-PACE financing

Greater Kansas City Area



Hy-Vee Arena \$6.3 million
Building Type: Arena
Measures: Lighting, HVAC
Lender: Twain Financial Partners



Interstate Building \$2.6 million
Building Type: Hotel
Measures: Lighting, HVAC, envelope & domestic hot water
Lender: Twain Financial Partners



Brookfield Building \$2.4 million
Building Type: Hotel & Apartments
Measures: Lighting, HVAC, Roof, Windows
Lender: CleanFund Commercial PACE



Hotel Indigo \$1.7 million
Building Type: Hotel
Measures: Lighting, HVAC, Roof, Windows
Lender: Twain Financial Partners



Beacon Hill \$1.4 million
Building Type: Hotel
Measures: Lighting, HVAC
Lender: Twain Financial Partners



Shopping Center \$1.4 million
Building Type: Retail
Measures: Lighting, HVAC, Roof
Lender: Petros PACE Financing



LSP Walnut \$622,512
Building Type: Hotel & Apartments
Measures: Lighting, HVAC, Roof, Windows
Lender: CleanFund Commercial PACE

Greater St. Louis Area



Cambridge Engineering \$610,000
Building Type: Manufacturing
Measures: Lighting, AC, roof
Lender: PACE Equity



7208 Weil St., Shrewsbury \$149,000
Building Type: Manufacturing
Measures: Lighting, HVAC Controls
Lender: PACE Equity



2458 Old Dorsett, Maryland Heights \$133,000
Building Type: Commercial
Measures: Lighting, HVAC Controls
Lender: PACE Equity

Mid-Missouri



Columbia Independent School \$323,000
Building Type: School
Measures: Solar, Lighting, HVAC
Lender: CleanFund Commercial PACE



Broadway Hotel, Columbia \$3.5 million
Building Type: Hotel
Measures: Lighting, HVAC
Lender: Stonehill Strategic Partners



Fairfield Hotel, Jefferson City \$465,219
Building Type: Hotel
Measures: Lighting, HVAC, Signage
Lender: Petros PACE Financing

SMP PROJECTS CONTINUED



Flashcube \$3.7 million
Building Type: Mixed use
Measures: Lighting, Roof, Wall, Windows, Energy Recovery
Lender: PACE Equity



Shankman/Michelson \$3.3 million
Building Type: Mixed use
Measures: HVAC, Lighting, Electrical Systems, Building Envelope
Lender: Twain Community Partners



West Bottoms Flats \$2.9 million
Building Type: Mixed use
Measures: Lighting,
Lender: Twain Community Partners



KC Hyatt House \$8 million
Building Type: Mixed use
Measures: HVAC, Lighting, Roof, Windows
Lender: Petros PACE Financing

Southwest Missouri



MoonRidge Foods \$4,000,000
Building Type: Agricultural
Measures: Solar, Lighting, HVAC, Custom measures
Lender: Twain Financial Partners

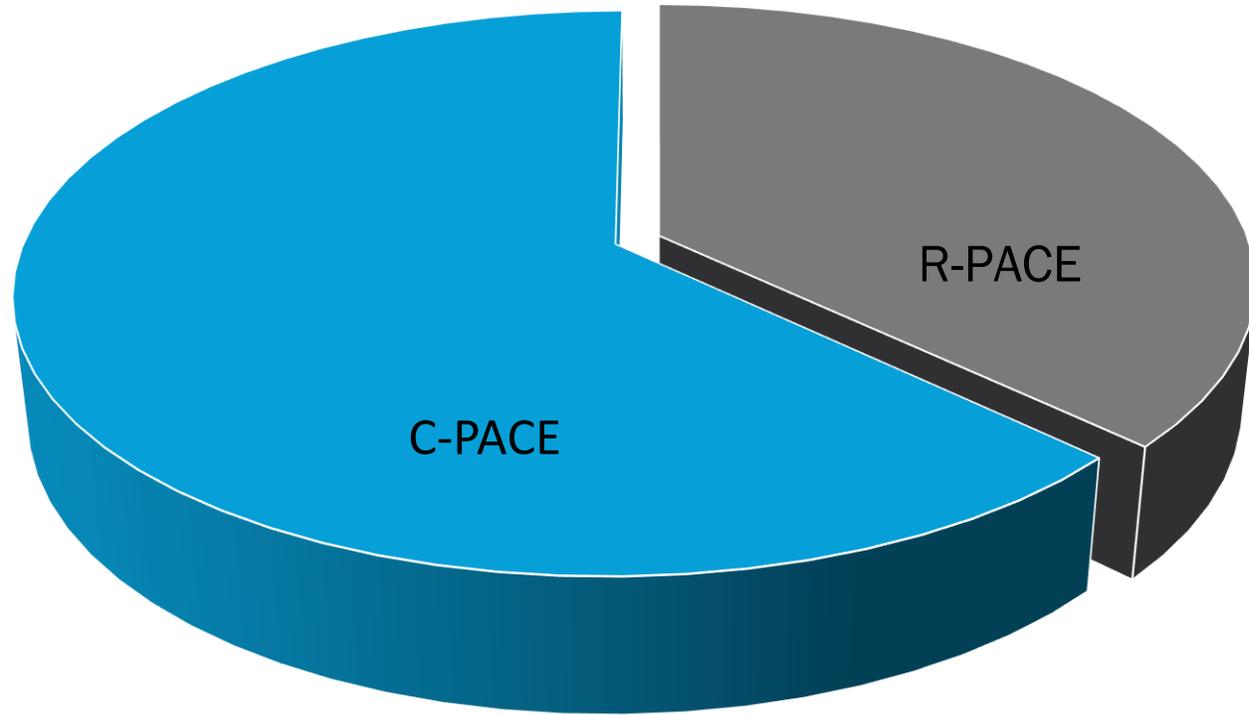
Kansas City Area *continued*



Hammerspace \$158,824
Building Type: Manufacturing
Measures: Solar
Lender: Dividend



Comfort Inn \$1,141,571
Building Type: Hotel
Measures: Lighting, HVAC, Insulation
Lender: Petros



\$118 Million Total Missouri PACE Deal Flow

C-PACE: \$84mm
~40 projects

R-PACE: \$34mm
~2500 projects

■ Residential PACE ■ Commercial PACE

Residential PACE in Missouri

- **1st residential occurred in 2016 (3 years following first CPACE closing)**
- **Bankers and Collectors have expressed concern with Residential PACE**
 - Primary lien position
 - County Collector collecting assessments
 - Oversight – consumer protection
- **Resulted in legislation** (looking like California law)
 - State oversight, increased costs

National Residential PACE

- 4 to 5 providers (2 majors)
- California was largest volume of RPACE
 - 2018 legislation resulted in 50% reduction in volume
- National providers seeking other opportunities
 - Ohio, NY, NJ and Chicago

SHOW ME PACE

MEI is administrator of Show Me PACE

WE ARE MEI
Missouri Energy Initiative

Mizzou
University of Missouri - Columbia

Bernhard
Energy Solutions

MISSOURI BOTANICAL GARDEN

PLUMBERS & PIPEFITTERS LOCAL 562

ELECTRICAL CONNECTION.ORG
BEW/NECA

Liberty Utilities
WATER GAS ELECTRIC

MRIGlobal

GREATER KANSAS CITY
BUILDING & CONSTRUCTION TRADES COUNCIL

CONTINENTAL CEMENT

Bridging The Gap

Washington University in St. Louis

NorthStar

usbank

MC POWER

WATER & LIGHT

ADM

ITC
Great Plains

CITY UTILITIES

Igrene
ENERGY FUND

POLSINELLI

Ameren
FOCUSED ENERGY. For Life.

THE DOE RUN COMPANY

CLEAR VISION
DEVELOPMENT GROUP

accenture
High performance. Delivered.

spire

XAVIER COLLEGE
founded in 1864

KCP&L
energizing life

MISSOURI S&T
University of Science & Technology

MISSOURI SUN SOLAR

**MEI Board Members
Legacy Investors**

Not Listed: Governor Bob Holden, Congressman Kenny Hulshof, Steve Mahfood, Jim Fischer, Ron Wood

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THE END

THANKS FOR VISITING



#MEEASpotlight

The Midwest Energy Efficiency Spotlight shares the impacts associated with strong energy efficiency practices across the region, from the impressive energy savings to job creation and empowering customers to save money on their energy bills. MEEA will continue to shine a spotlight on the successes across the Midwest.

Learn about our methodology and sources [here](#). Questions? Contact MEEA Policy Director Nick Dreher at ndreher@mwalliance.org.