

2024

MIDWEST

ENERGY

S O L U T I O N S

C O N F E R E N C E

2024
MIDWEST
ENERGY
SOLUTIONS
CONFERENCE

Presented by  **MEEA**
MIDWEST ENERGY EFFICIENCY ALLIANCE

Welcome to MES 2024!

Opening remarks delivered by E'Lois Thomas

Sponsored by



Welcome!

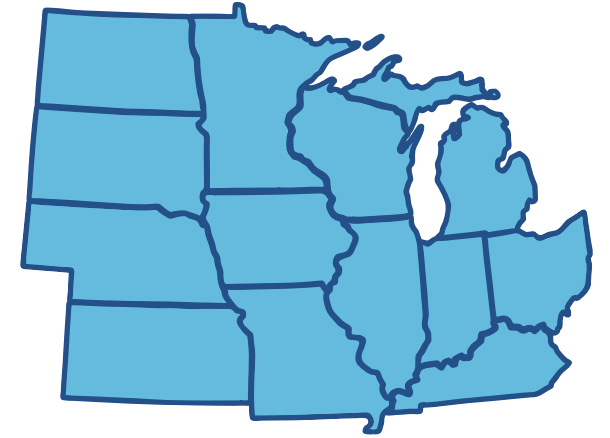
Dr. E'Lois Thomas
SEEL, LLC
MEEA Board Chair

At the Midwest Energy Solutions Conference, you will:

1. Meet new people
2. Have tons of fun
3. Be inspired from all the exceptional sessions!

The **Midwest Energy Efficiency Alliance (MEEA)** is a collaborative network, promoting energy efficiency to optimize energy generation, reduce consumption, create jobs and decrease carbon emissions in all Midwest communities.

MEEA is a non-profit membership organization with 150+ members, including:



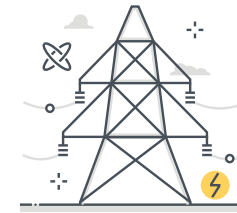
Energy Service
Companies &
Contractors



State & Local
Governments



Academic &
Research Institutions



Electric &
Gas Utilities



Community-based
Organizations

7th Floor



- Plenaries
- A-Track Break-out Sessions
- Lunch Wednesday

6th Floor

- Morning Yoga

5th Floor

- Exhibit Hall
 - Breakfast
 - Receptions
- C-Track Workshops
- Thursday B-Track Breakout

4th Floor

- B-Track Breakouts and.....

MEEA NIGHTCAP



Wednesday, January 31

8:30 p.m. - 11:30 p.m.

**Chicago Marriott Downtown Magnificent Mile
4th Floor**

MES by the Numbers

860
ATTENDEES

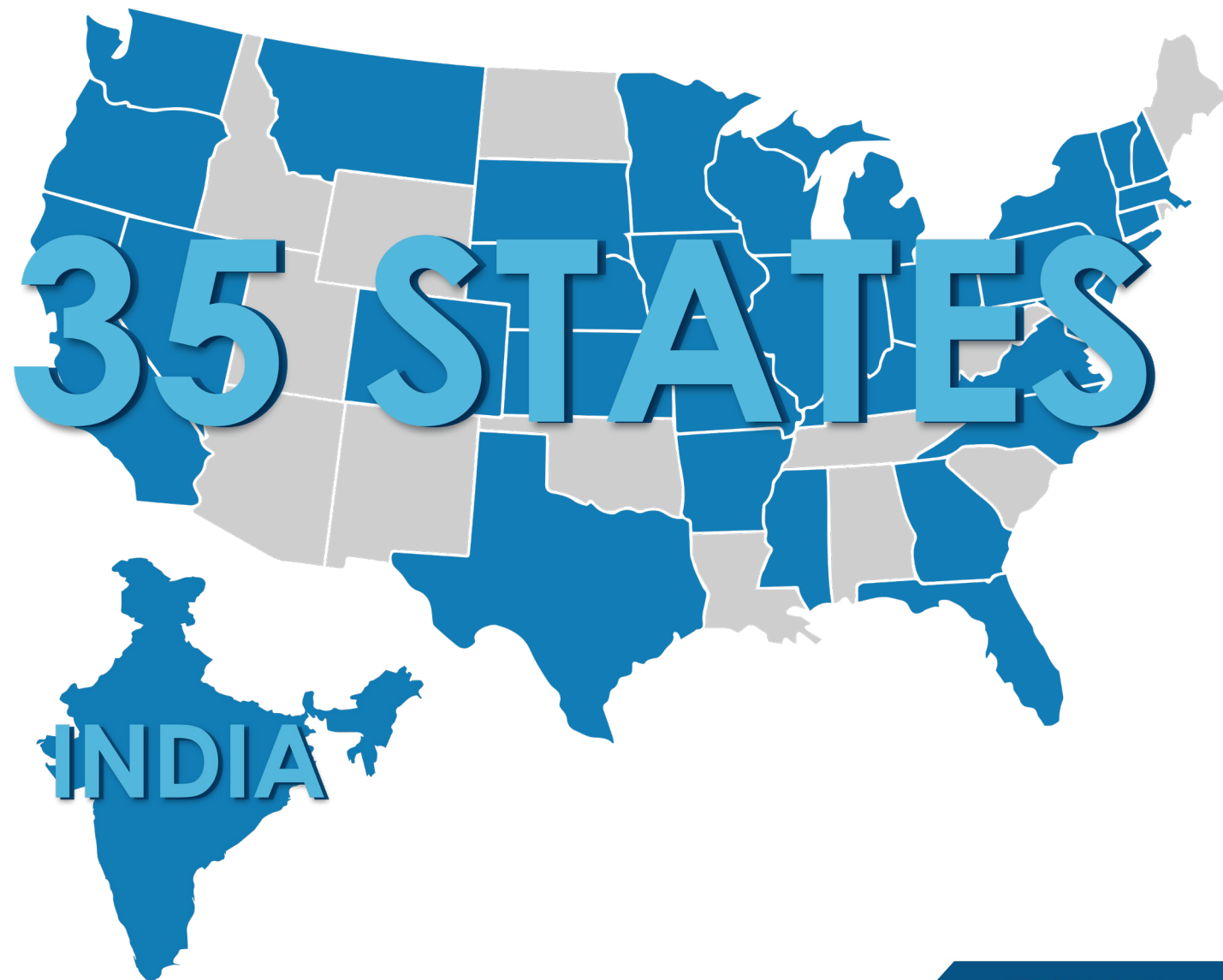
80%

**MEEA
MEMBERS**

30%

**FIRST TIME
ATTENDEES**

Your work does not only impact the Midwest!



PLATINUM SPONSORS



GOLD SPONSORS



Energy
Efficiency
Program



SILVER SPONSORS



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PARTNER SPONSORS

Alternative Energy Systems Consulting, Inc. (AESC)

AM Conservation

Clarke Energy

E Source

Education & Outreach Company

EFI, The Energy Federation

ESPLabs

Greenlite

Mitsubishi Electric Trane HVAC

National Energy Foundation (NEF)

NTC

Rheem Manufacturing

TrickleStar

Don't Miss in the Exhibit Hall (5th Floor)

Community Connection

TUESDAY, JANUARY 30

3:20pm-3:40pm | Community Development Corporation of Pembroke and Hopkins Park

5:10pm-5:30pm | Senior Services Plus

5:40pm-6:00pm | U.S. Department of Energy Office of Community Engagement

WEDNESDAY, JANUARY 31

10:50am-11:10am | Cabanne District CDC

2:50pm-3:10pm | Peoria Guild of Black Artists

4:40pm-5:00pm | U.S. Department of Energy State and Community Energy Programs

Professional Development Hub

ONE-ON-ONE SESSIONS THROUGHOUT

TUESDAY, JANUARY 30

3:15pm | Amplify Yourself While Amplifying Your Company

WEDNESDAY, JANUARY 31

10:45am | Should I Post? What Should I Say?

2:45pm | LinkedIn Profile Powerup

Conference Advisory Committee

Dan York | American Council for an Energy-Efficient Economy (ACEEE)

George Cornwell | APTIM

Dr. Amalia Hicks | Cadmus

Colleen Morris | Calico Energy

Shonda Biddle | Center for Energy & Environment

Jon Blaufuss | Daikin

Jim Fay | ComEd

LeAndra Archuleta | Energy Solutions

Selena Worster Walde | Erthe Energy Solutions

Dean Laube | Franklin Energy

Richard Hackner | GDS Associates

Bethany Reinholtz | GDS Associates

Amanda Gassé | ILLUME

Nathaniel Alfeather | Leidos

Kevin DeMaster | Mitsubishi Electric Trane HVAC

Jordan Elliott | Pearl Certification

Jolene A. Sheil | Public Service

Commission of Wisconsin

Erika Dominick | Walker-Miller Energy Services



CHAIR'S
INSPIRING EFFICIENCY AWARDS
WINNER



CHAIR'S
INSPIRING EFFICIENCY AWARDS
WINNER

Kristol Simms, Ameren Illinois

Keynote Introduction

Sponsored by





→ Kyle Wiggins

Senior Vice President
Utility Program and Advisory Services



50+ years in the energy business

Over 1,100 energy experts across North America, UK, India, China, and Ghana

200+ energy efficiency programs and **\$3.1B** in energy efficiency rebates

Top 60 utilities in North America

Best-in-class implementation for **30+ utility portfolios**, more than any other provider in the U.S.

Largest implementer of electrification programs in the U.S



We are in the midst of a transformation not seen in more than 100 years.



Our mission:
To help lead the Clean
Energy transition and
be your **trusted guide**.

Change is accelerating at unprecedented levels

A moment of challenge and opportunity



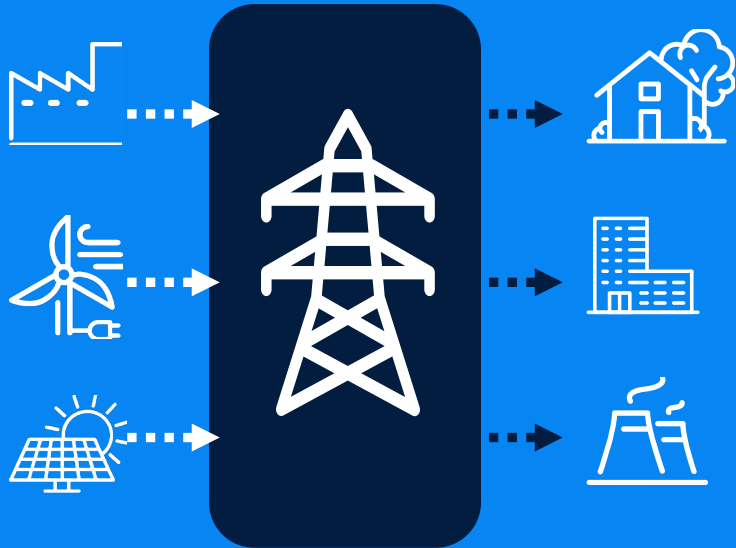
Global Events

Economic Impacts

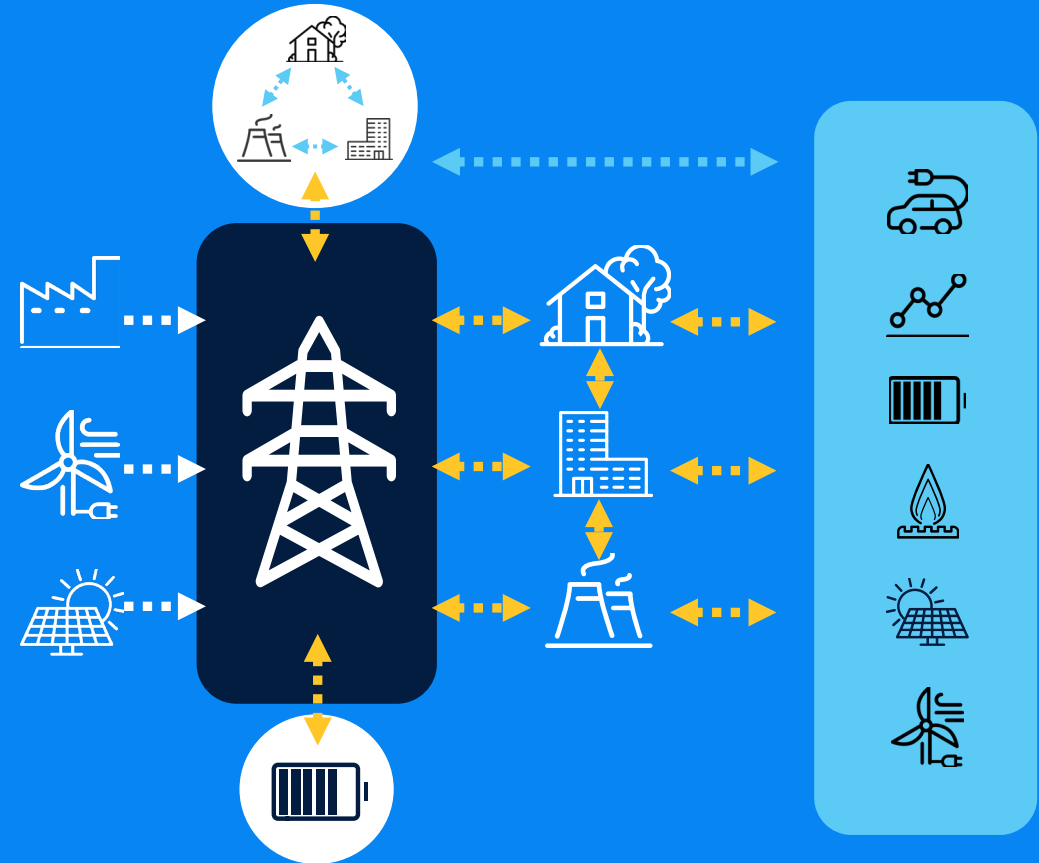
Industry Disruption

As utility business models evolve, customers have more choice

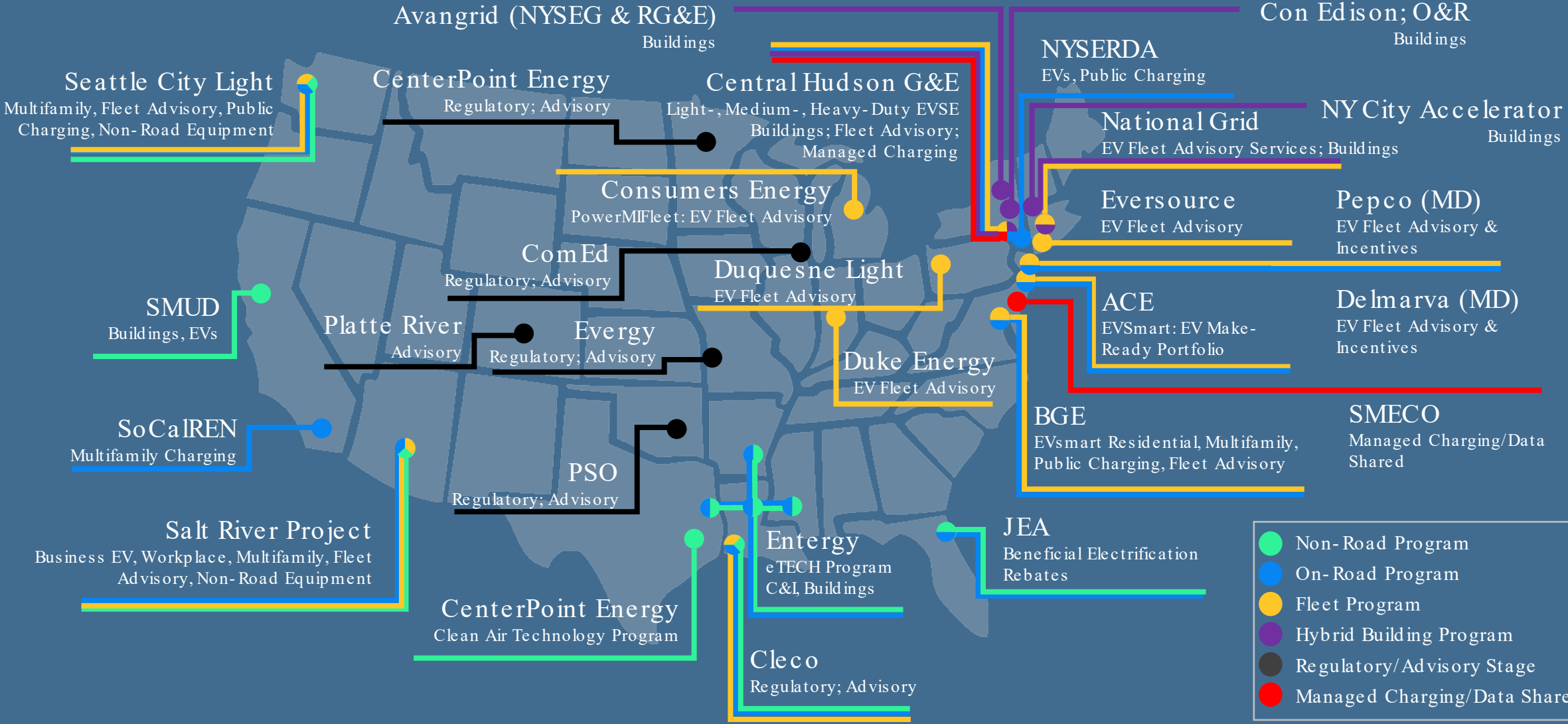
From one to many



From many to many



Electrification & decarbonization on the rise



Smart, targeted customer engagement

- Empowered customers who make faster, informed decisions that result in a **faster velocity** of participation
- Happier, more **satisfied customers** through a smoother experience
- A real-time **pulse on the local market** to inform program pivots and new offers
- A greater **return on investment** through more focused integrated efforts
- **Positioning as energy experts**, advisors and partners to your business customers – beyond the largest accounts

“Working with ICF has given us incredible data-driven insights on our business customers and put us on a fast-track to exceeding goals and customer expectations.

*We went from missing goals year-over-year to achieving **118% of our goal in 2021** and **132% of our goal in 2022**. We are on track to do the same in 2023.*

Any utility looking for deeper connections with business customers should absolutely make this investment.”



Washington Gas



John Brophy

Manager, Supplier Sustainability
and Clean Energy Programs



Keynote Address

John Brophy

Manager, Supplier Sustainability & Clean Energy Programs | John Deere

Plenary

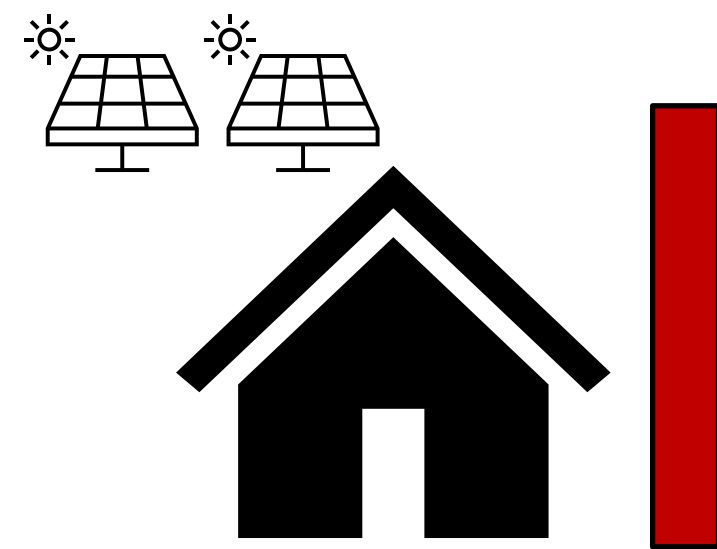
Use Less, Do More: How Efficiency First Supercharges the Clean Energy Transition

Paige Knutsen | MEEA

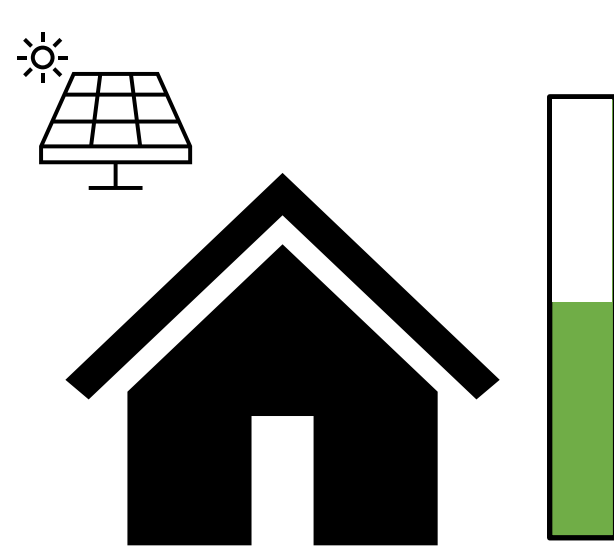
Katrin Klingenberg | Pnius

Stacey Paradis | Illinois Commerce Commission

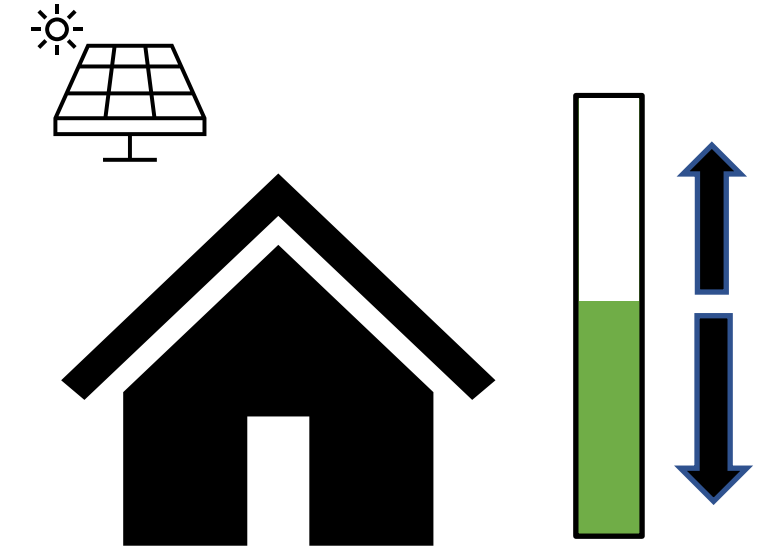
Jamie Meyers | Cook County



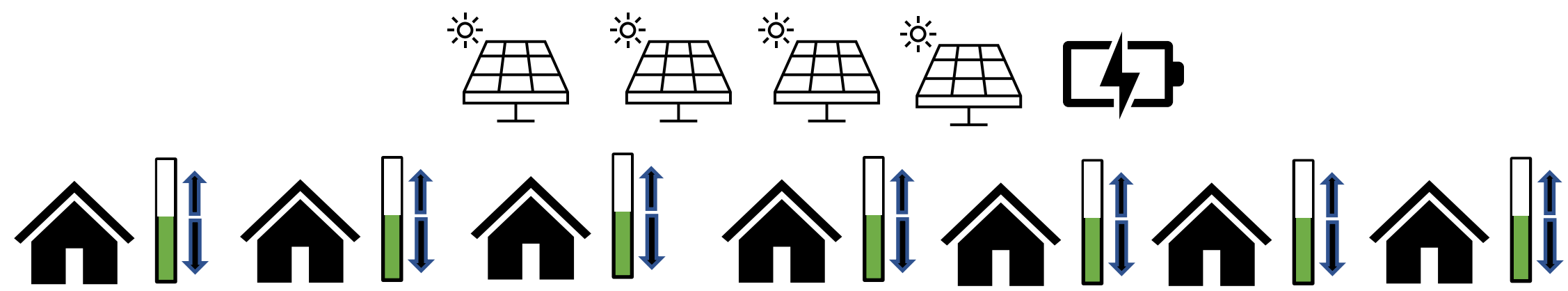
Baseline Net Zero



Phius CORE → ZERO



Phius ZERO + Grid-Interactive Building (GEB)



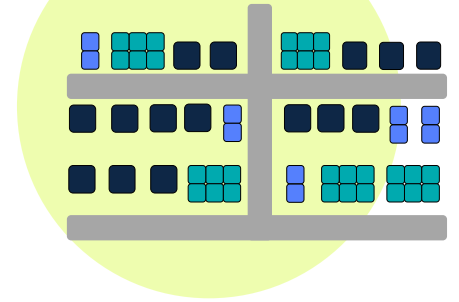
PhiusGEB Microgrid Community



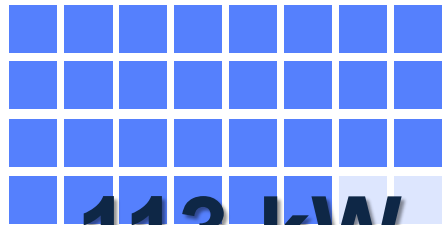
100% Emissions Reduction

Enclosure Analysis *Results per dwelling unit*

NEIGHBORHOOD



Existing
Enclosure



113 kW

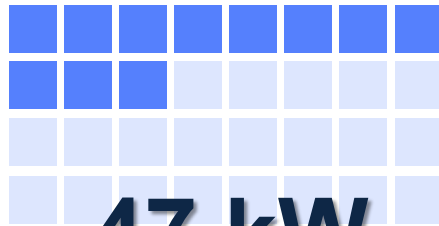


866 kWh



\$\$\$

Code
Enclosure



47 kW

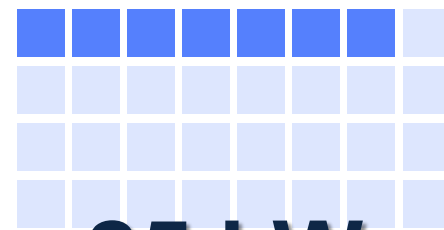


358 kWh



\$\$

Phius Enclosure



25 kW



126 kWh



\$

Plenary

Use Less, Do More: How Efficiency First Supercharges the Clean Energy Transition

Paige Knutsen | MEEA

Katrin Klingenberg | Pnius

Stacey Paradis | Illinois Commerce Commission

Jamie Meyers | Cook County

Join us on the 5th Floor for a short break!

5th Floor Chicago Ballroom

3:15 p.m. – 3:45 p.m.

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