

**Plenary Discussion:** How the Biden Administration Priorities Will Benefit Energy Efficiency in the Midwest



2022 Midwest Energy Solutions Conference

February 1, 2022

# Ambitious Decarbonization Goals

The Midwest is going to need **ambitious PLANS**

**Biden**

▼ 50-52% by 2030

**Minnesota**

▼ 30% by 2025

▼ 80% by 2050

**Michigan**

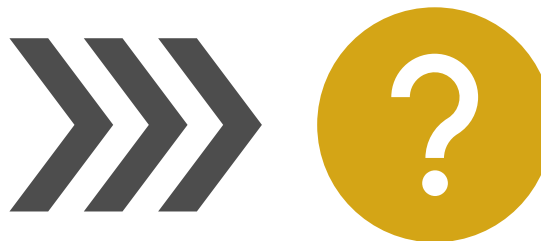
▼ 28% by 2025

Neutral by 2050

**Corporate**  
Goals

**Municipal**  
Goals

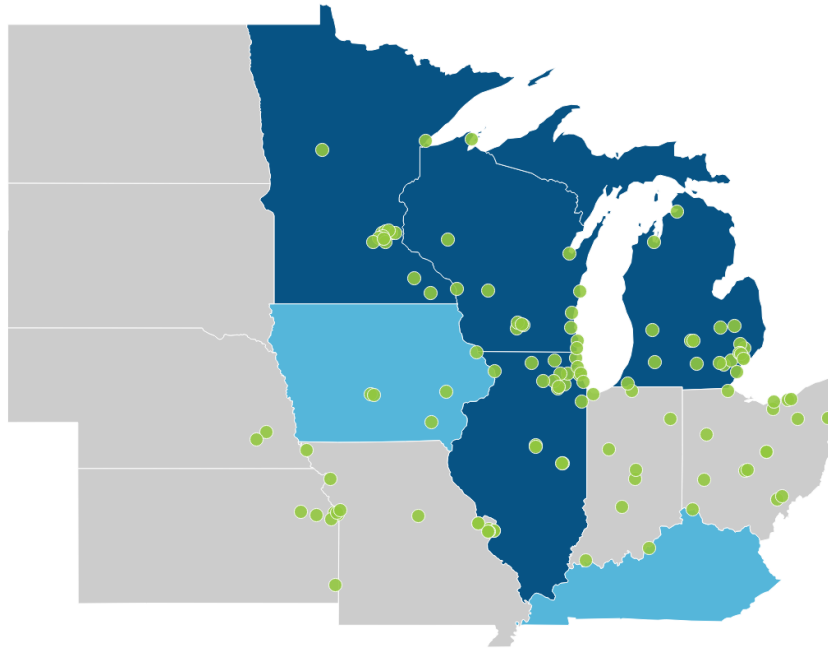
**Utility**  
Goals



- What is realistic for the **Midwest as a region**?
- How do we get there?
- Where do we start?
- How much will it cost?
- How do we learn from each other?

# States with **Emission Reduction Goals**

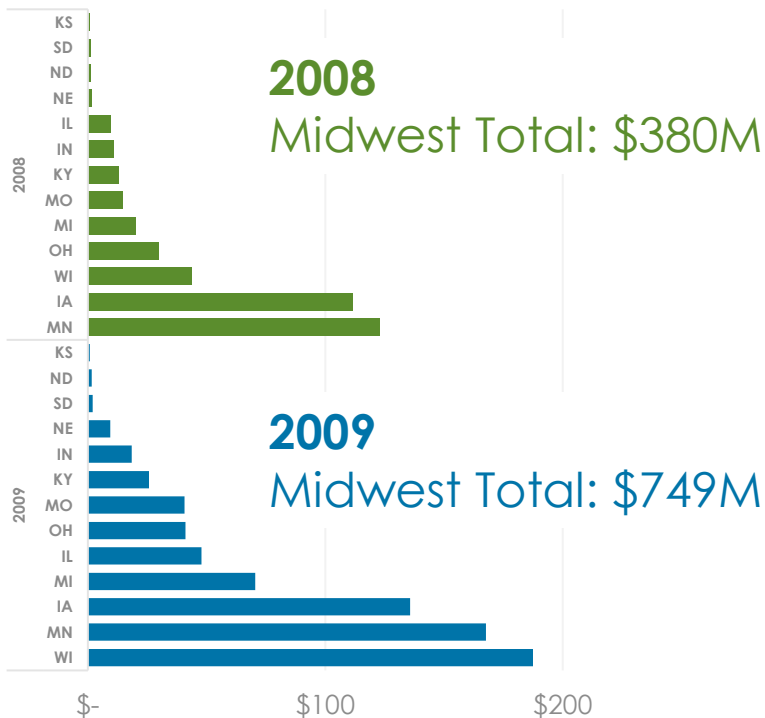
*Four Midwest states have statewide decarbonization goals that meet or exceed Paris Accord standards*



- State Climate Action Plan & Decarbonization Goal**
- State Climate Action Plan**
- No state climate or decarbonization goals
- **Local climate goals**

# Midwest Utility EE Investment during ARRA

Total spending on EE across all utility types



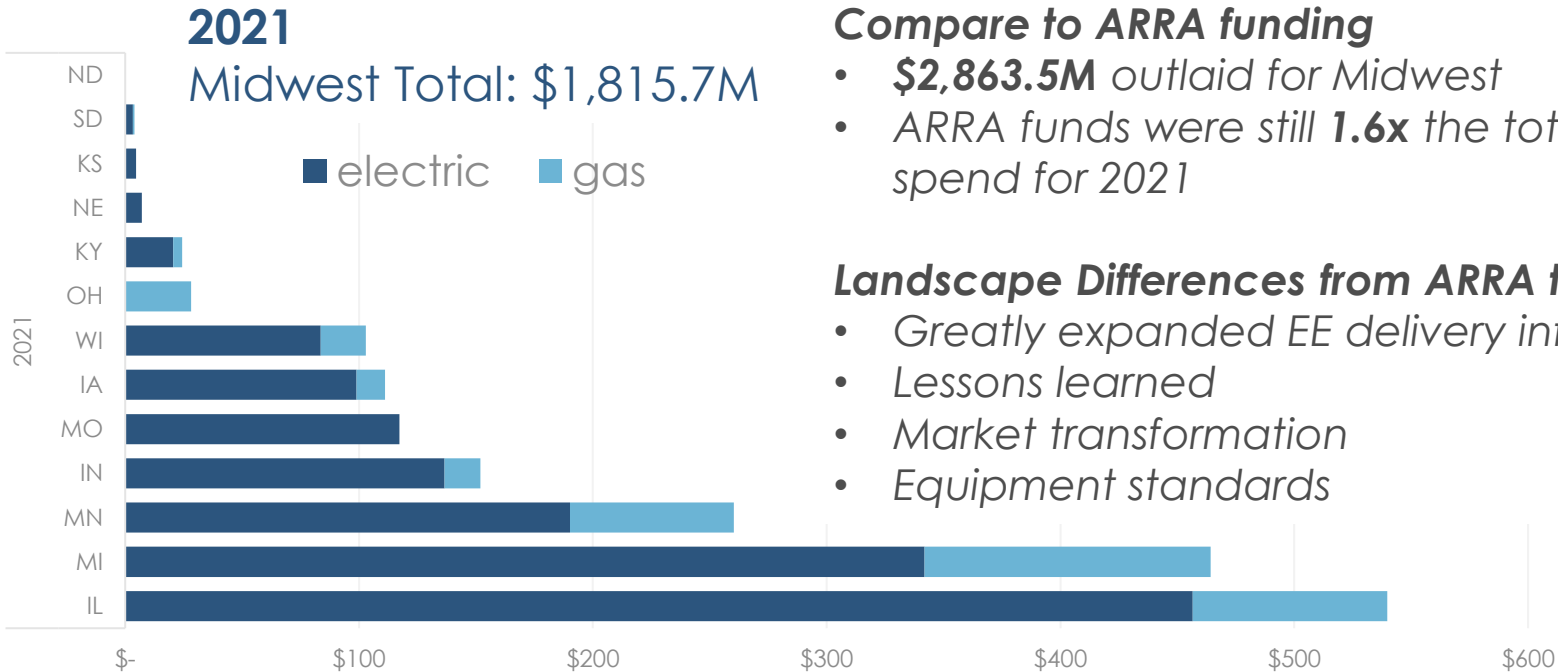
## Compare to ARRA funding

- **\$2,863.5M** outlaid for Midwest
- ARRA funds were **3.8x** the total utility EE spend for 2009

Data source: MEEA tracking (primarily regulatory dockets & EIA-861)

# Midwest Utility EE Investment under ARPA and IIJA

Total spending on EE across all utility types



## Compare to ARRA funding

- **\$2,863.5M** outlaid for Midwest
- ARRA funds were still **1.6x** the total utility EE spend for 2021

## Landscape Differences from ARRA to IIJA

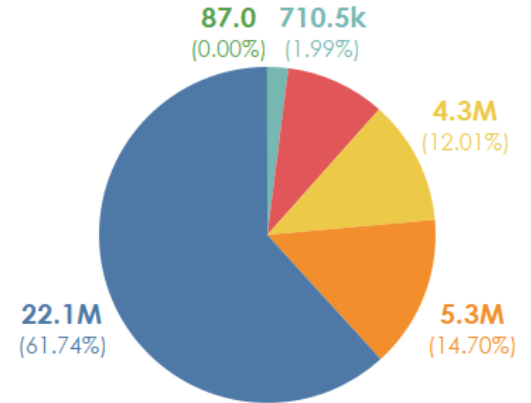
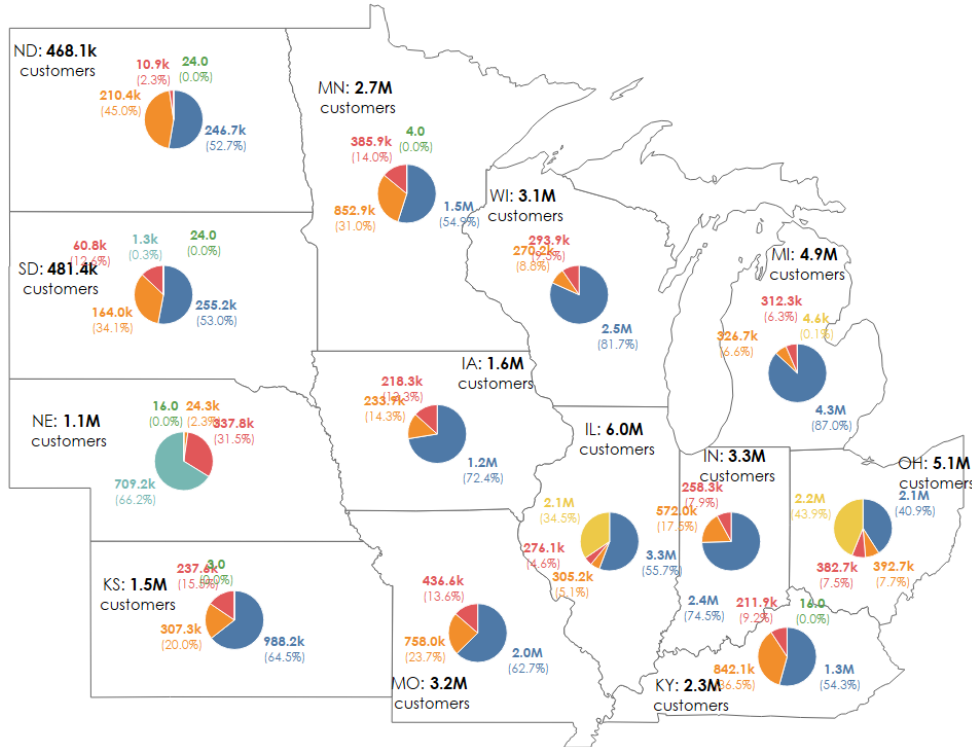
- Greatly expanded EE delivery infrastructure
- Lessons learned
- Market transformation
- Equipment standards

Data source: MEEA tracking

# Electric Customer Counts & Utility Ownership

Total customers by utility ownership type

- Ownership
- Investor Owned
  - Cooperative
  - Municipal
  - Political Subdivision
  - Federal
  - Retail Power Marketer

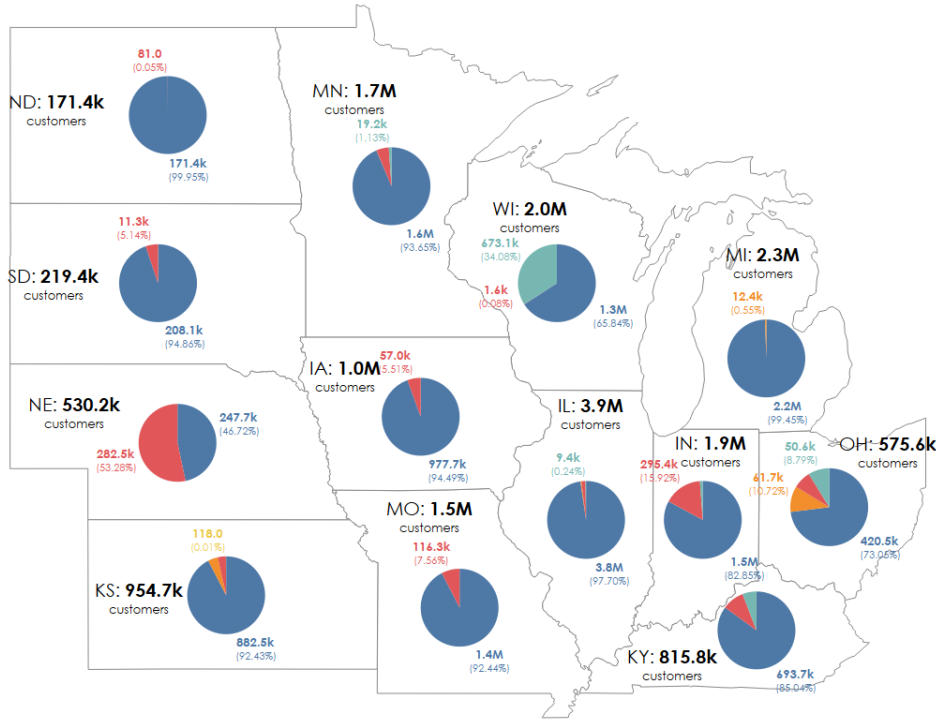


35.8M  
TOTAL Customers

Source: EIA-861 (2019)

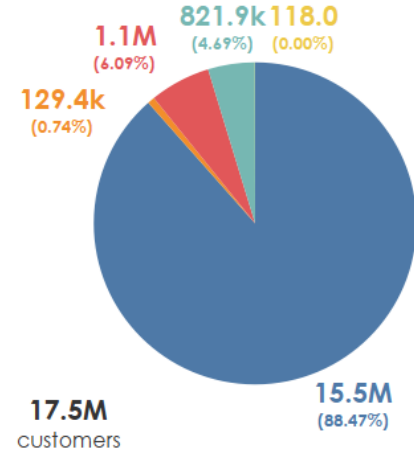
# Gas Customer Counts & Utility Ownership

Total customers by utility ownership type



Utility Ownership

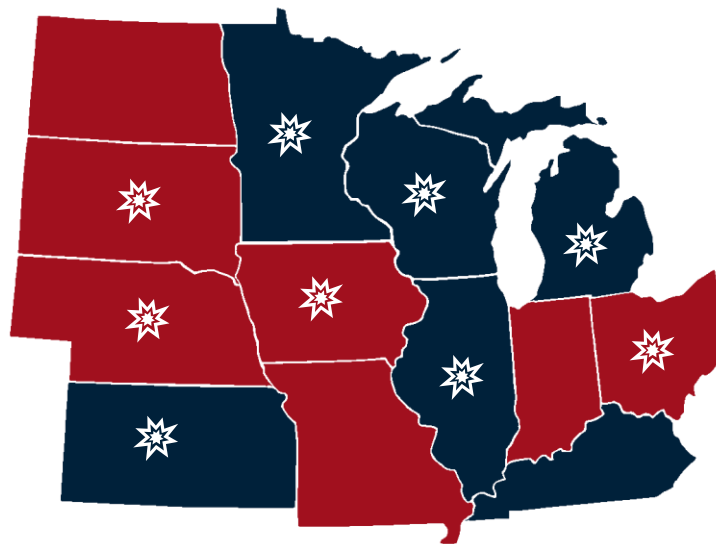
- Investor Owned
- Cooperative
- Municipally Owned
- Privately Owned
- Public Owned
- Delivered Directly To Cust



Source: EIA-176 2019

# Midwest Political Landscape

*2022 Gubernatorial Elections in 9 of 13 states*



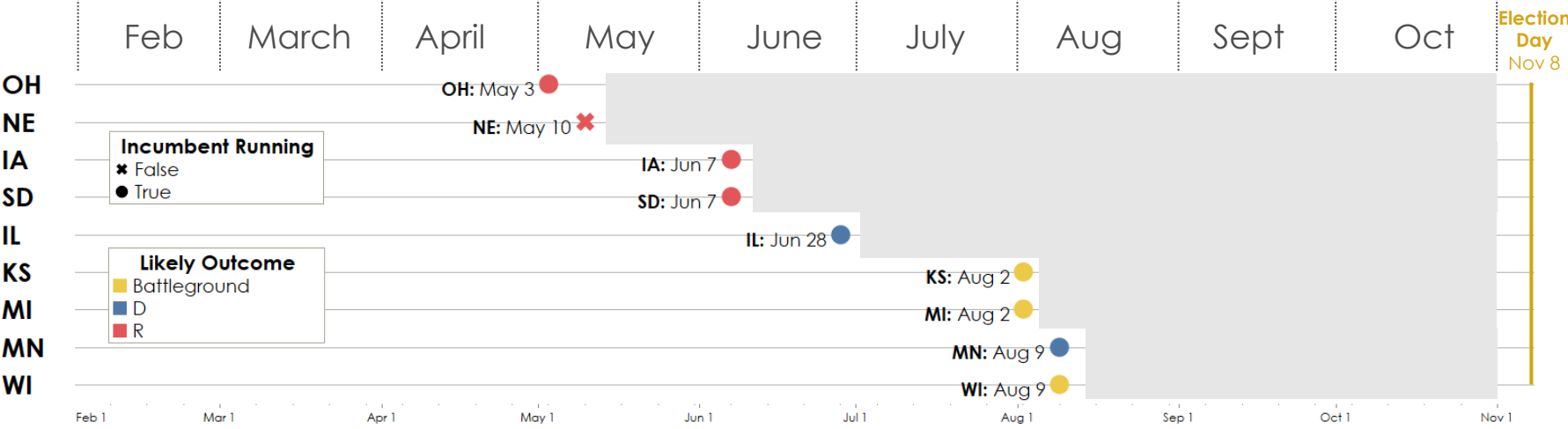
 2022 gubernatorial election

## Governors



# Gubernatorial Primaries

8 incumbents running, 1 term limited  
 3 expected battleground states



# Things to Consider

- Coordination between federal, state and utility programs
  - Look for ways to be complementary
- Focus funding on excluded and under-resourced communities – low/fixed income, BIPOC and rural
- Prioritize reducing overall consumption and energy burden; increase affordability