

# Welcome!

Mass Energy Insight – Training Session 2:

**Entering Data &  
Keeping Your Town Up-to-Date**

**MassEnergyInsight**  
● ● ● ● ● POWERING EFFICIENCY

# Introductions

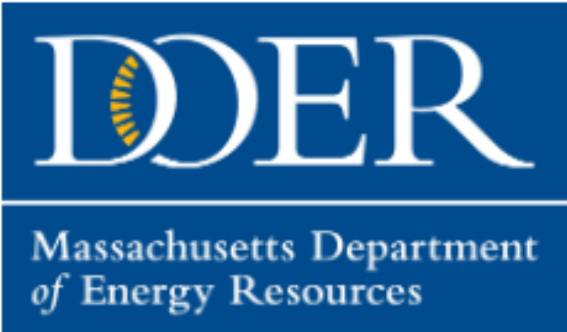
## Presenters:

- Dugan Becker – Clean Energy Extension (CEE)
- Mary Kraus – CEE

## Additional Facilitators / Resource People:

- John Snell – Consulting Facilitator
- Joanne Bissetta – Department of Energy Resources (DOER)
- Chelsea Kehne – DOER
- Gamaliel Lodge – Optimiser
- Devon Lukas - CEE

# Who We Are



# Context and Goals for MEI

- Reduce greenhouse gas emissions in Massachusetts.
- Meet your Green Communities goals – Criterion #3, 20% reduction.



**Annual Report Table 2 (MMBTU) Fiscal Year (July 1 start) 2015 Baseline**  
Please make sure that any data submitted to DOER contains complete Data!  
The data in this table reflects the data in the Baseline. Buildings marked in MassEnergyInsight as "Exclude from Baseline" are not included in this dashboard. Please set the baseline year filter on the right to your baseline year and create a custom view so that this report always shows the correct data.

|                       |                                | 2015   | 2016    | 2017    | 2018    | 2019    |
|-----------------------|--------------------------------|--------|---------|---------|---------|---------|
| Building              | Use (MMBTU)                    | 42,147 | 36,343  | 44,955  | 41,328  | 47,295  |
|                       | % Difference in MMBTU % diff.. | 0.00%  | -13.77% | 6.66%   | -1.94%  | 12.21%  |
| Open Space            | Use (MMBTU)                    | 21     | 227     | 227     | 227     | 227     |
|                       | % Difference in MMBTU % diff.. | 0.00%  | 970.40% | 970.40% | 970.40% | 970.40% |
| Street/Traffic Lights | Use (MMBTU)                    | 2,213  | 2,174   | 2,171   | 2,193   | 2,169   |
|                       | % Difference in MMBTU % diff.. | 0.00%  | -1.75%  | -1.90%  | -0.88%  | -2.00%  |
| Vehicle               | Use (MMBTU)                    | 8,829  | 7,350   | 7,015   | 6,751   | 6,595   |
|                       | % Difference in MMBTU % diff.. | 0.00%  | -16.75% | -20.55% | -23.54% | -25.31% |

# Benefits of MEI

## Learn:

- Energy use, building performance
- Greenhouse gas emissions

## Monitor and share:

- Monitor energy use & cost over time
- Share information with town

## Plan:

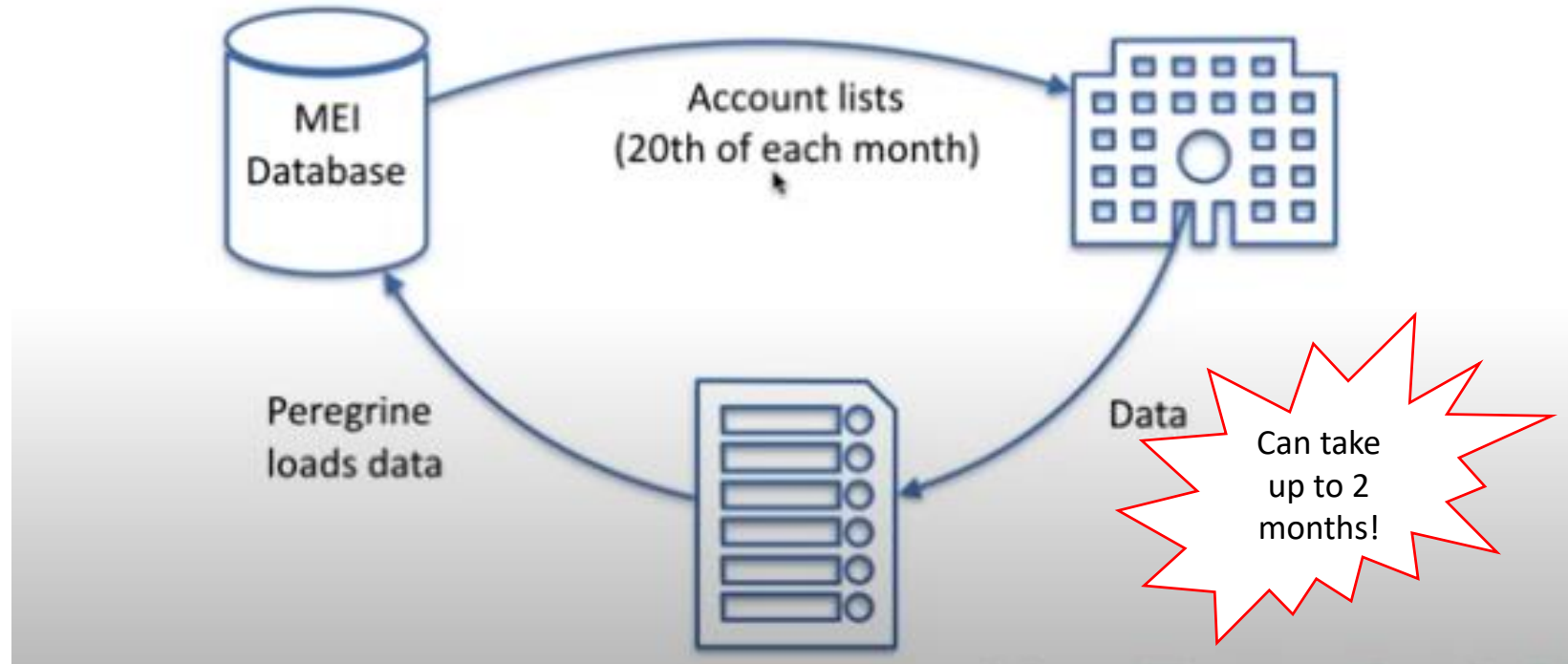
- Identify targets for energy efficiency projects, set goals
- Create an energy use baseline to qualify for Green Community Designation
- Meet reporting requirements as a Green Community

# What you will learn:

- How data gets loaded to MEI
- How to manually enter usage and cost data
- How to upload data via spreadsheet
- How to identify gaps in your data
- How to keep your accounts and facilities up to date

# How Data Gets Into the System

Investor Owned Utilities - monthly data updates



# How Data Gets Into the System

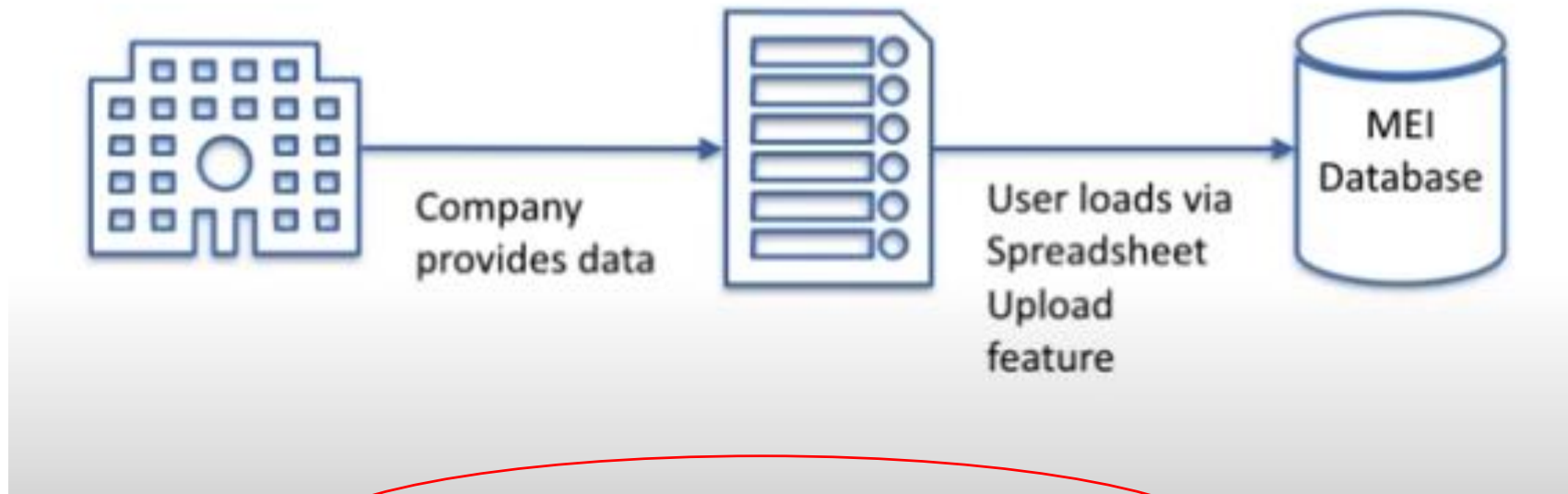
- Investor Owned Utilities (IOUs):
  - Berkshire Gas
  - Columbia Gas
  - Eversource (Formerly NStar / WMECo)
  - National Grid
  - Unitil
- Municipal Light Plants (MLPs)\*:
  - Liberty Utilities
  - Middleborough Gas & Electric
  - Holyoke Gas & Electric
  - Norwood Light Department
  - Others

**\* IMPORTANT NOTE: Not all MLPs load data automatically!**  
If you aren't sure if your MLP supplies MEI with data directly, please contact support.



# How Data Gets Into the System

Delivered Fuels and Competitive Supply Data



Timing: Reports refresh overnight

# How Data Gets Into the System

- User entered data:
  - Delivered fuels (e.g. vehicle fuel, propane, oil, etc.)
  - Competitive supplier cost data
  - Electric and Gas supplied by smaller utility companies (Not on the IOU/MLP lists)
  - Renewable energy data (Sometimes – e.g. behind the meter solar)

# User Uploaded Data

- There are two ways a user can enter data into MEI:
  - 1) **Manual Data Entry** - Best if you only want to upload a small number of data points, to one or two accounts.
  - 2) **Spreadsheet Uploads** - Allows you to upload as much data as you want, to as many accounts as you want.. but takes a little bit of preparation.

# Keeping your town Up-to-Date

1. Has your town closed any accounts this year?
2. Have any buildings in your town gotten expansions this year?
3. Has your town opened any new utility accounts this year?
4. Have any of your account numbers or meter numbers changed this year?

Thank you!

Questions?